

TABLE 1-1
SUMMARY OF DETECTED HISTORICAL SOIL ANALYTICAL RESULTS
NYSEG - FORMER TRANSIT STREET MGP SITE
LOCKPORT, NEW YORK

Location ID				AB-04	AB-06	MW-03	SB-01	SB-06
Sample ID				AB-4/S-1	AB-6/S-1	MW-03	SB-01	SB-06
Matrix				Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)				1.5-4.0	12.0-15.0	8.0-10.0	2.0-4.0	0.0-2.0
Date Sampled				10/19/83	10/19/83	12/06/82	05/27/92	05/27/92
Parameter	Units	Criteria (1)	Criteria (2)					
Volatile Organic Compounds								
1,1,1-Trichloroethane	MG/KG	0.8	-	NA	NA	0.01 U	1.5 U	0.006 U
1,1-Dichloroethane	MG/KG	0.2	-	NA	NA	0.01 U	1.5 U	0.006 U
Acetone	MG/KG	0.2	-	NA	NA	NA	3.1 U	0.011 J
Benzene	MG/KG	0.06	-	6.6	0.09	0.01 U	1.5 U	0.006 U
Ethylbenzene	MG/KG	5.5	-	53.1	0.91	0.072	1.5 U	0.006 U
Methylene chloride	MG/KG	0.1	-	NA	NA	0.02	1.5 U	0.019
n-Propylbenzene	MG/KG	-	-	4.8	2.09	0.01 U	NA	NA
Styrene	MG/KG	-	-	14.8	2.19	0.01 U	0.73 JD	0.006 U
Toluene	MG/KG	1.5	-	26.0	0.05	0.071	1.5 U	0.006 U
Xylene (total)	MG/KG	1.2	-	73.2	2.66	0.01 U	1.5 U	0.006 U
Total BTEX	MG/KG	-	-	158.9	3.71	0.143	ND	ND
Total Volatile Organic Compounds	MG/KG	10	-	178.5	7.99	0.163	0.73	0.03
Semivolatile Organic Compounds								
2-Methylnaphthalene	MG/KG	36.4	-	NA	NA	NA	1,000 D	0.4 U
Acenaphthene	MG/KG	50	-	250	6.5	4.4	820 D	0.4 U
Acenaphthylene	MG/KG	41	-	960	0.6	12	120	0.24 J
Anthracene	MG/KG	50	-	4,600	14	11	540 D	0.24 J
Benzo(a)anthracene	MG/KG	0.224 or MDL	-	330	12	8.4	320 D	0.5
Benzo(a)pyrene	MG/KG	0.061 or MDL	-	360	12	6.8	120	0.52
Benzo(b)fluoranthene	MG/KG	1.1	-	NA	NA	NA	92	0.42

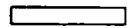
Criteria (1)- NYSDEC TAGM: Determination of Soil Cleanup Objectives and Cleanup Levels; HWR-94-4046 January 24, 1994 (Revised)

Criteria (2)- Eastern USA Background Concentrations from NYSDEC TAGM: HWR-94-4046 January 24, 1994 (Revised)

Flags assigned during chemistry validation are shown



Concentration Exceeds Criteria (1)



Concentration Exceeds Criteria (2)

J - The reported concentration is an estimated value.

D - Result reported from a secondary dilution analysis.

U - Not detected above the reported quantitation limit.

NA - Not Analyzed

Only Detected Results Reported.

Detection Limits shown are PQL

Advanced Selection Trans: Table 1
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TABLE 1-1
SUMMARY OF DETECTED HISTORICAL SOIL ANALYTICAL RESULTS
NYSEG - FORMER TRANSIT STREET MGP SITE
LOCKPORT, NEW YORK

Location ID				AB-04	AB-06	MW-03	SB-01	SB-06
Sample ID				AB-4/S-1	AB-6/S-1	MW-03	SB-01	SB-06
Matrix				Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)				1.5-4.0	12.0-15.0	8.0-10.0	2.0-4.0	0.0-2.0
Date Sampled				10/19/83	10/19/83	12/06/82	05/27/92	05/27/92
Parameter	Units	Criteria (1)	Criteria (2)					
Semivolatile Organic Compounds								
Benzo(g,h,i)perylene	MG/KG	50	-	69	7.6	10 U	62	0.26 J
Benzo(k)fluoranthene	MG/KG	1.1	-	210	11	11	92	0.48
bis(2-Ethylhexyl)phthalate	MG/KG	50	-	NA	NA	4 U	7.8 U	0.4 U
Chrysene	MG/KG	0.4	-	340	88	7.2	100	0.52
Dibenz(a,h)anthracene	MG/KG	0.014 or MDL	-	NA	NA	10 U	30	0.11 J
Dibenzofuran	MG/KG	6.2	-	NA	NA	NA	44	0.1 J
Di-n-butylphthalate	MG/KG	8.1	-	NA	NA	4 U	7.8 U	0.4 U
Fluoranthene	MG/KG	50	-	690	18	17	700 D	1.5
Fluorene	MG/KG	50	-	1,300	5.7	14	1,100 D	0.2 J
Indeno(1,2,3-cd)pyrene	MG/KG	3.2	-	80	5.8	10 U	58	0.26 J
Naphthalene	MG/KG	13	-	1,900	49	63	1,000 D	0.092 J
Phenanthrene	MG/KG	50	-	NA	NA	38	1,600 D	1.4
Pyrene	MG/KG	50	-	1,000	18	13	760 D	1.2
Total Carcinogenic PAHs	MG/KG	-	-	1,320	128.8	33.4	812	2.81
Total Non-Carcinogenic PAHs	MG/KG	-	-	10,769	119.4	172.4	7,702	5.132
Total Polycyclic Aromatic Hydrocarbons	MG/KG	-	-	12,089	248.2	205.8	8,514	7.942
Total Semivolatile Organic Compounds	MG/KG	500	-	12,089	248.2	205.8	8,558	8.042
Polychlorinated Biphenyls								
Aroclor 1254	MG/KG	10	-	0.05 U	0.05 U	0.2 U	NA	NA
Aroclor 1260	MG/KG	10	-	0.17	0.05 U	0.2 U	NA	NA

Criteria (1)- NYSDEC TAGM: Determination of Soil Cleanup Objectives and Cleanup Levels; HWR-94-4046 January 24, 1994 (Revised)

Criteria (2)- Eastern USA Background Concentrations from NYSDEC TAGM: HWR-94-4046 January 24, 1994 (Revised).

Flags assigned during chemistry validation are shown.

 Concentration Exceeds Criteria (1)
 Concentration Exceeds Criteria (2)

J - The reported concentration is an estimated value.

D - Result reported from a secondary dilution analysis.

U - Not detected above the reported quantitation limit.

NA - Not Analyzed

Only Detected Results Reported.

Detection Limits shown are PQL

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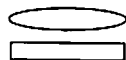
TABLE 1-1
SUMMARY OF DETECTED HISTORICAL SOIL ANALYTICAL RESULTS
NYSEG - FORMER TRANSIT STREET MGP SITE
LOCKPORT, NEW YORK

Location ID				AB-04	AB-06	MW-03	SB-01	SB-06
Sample ID				AB-4/S-1	AB-6/S-1	MW-03	SB-01	SB-06
Matrix				Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)				1.5-4.0	12.0-15.0	8.0-10.0	2.0-4.0	0.0-2.0
Date Sampled				10/19/83	10/19/83	12/06/82	05/27/92	05/27/92
Parameter	Units	Criteria (1)	Criteria (2)					
Polychlorinated Biphenyls								
Total Polychlorinated Biphenyls	MG/KG	10	-	0.17	ND	ND	NA	NA
Metals								
Aluminum	MG/KG	SB	33000	NA	NA	NA	3,810	6,130
Antimony	MG/KG	SB	-	NA	NA	26	0.24 U	0.25 U
Arsenic	MG/KG	7.5	3-12	NA	NA	12	NA	NA
Barium	MG/KG	300	15-600	NA	NA	NA	NA	NA
Beryllium	MG/KG	0.16	0-1.75	NA	NA	0.4	NA	NA
Cadmium	MG/KG	1	0.1-1	NA	NA	0.2	0.96	0.37 U
Calcium	MG/KG	SB	130-35000	NA	NA	NA	NA	NA
Chromium	MG/KG	10	1.5-40	NA	NA	9.5	12.1	7.5
Cobalt	MG/KG	30	2.5-60	NA	NA	NA	5.1 B	4.5 B
Copper	MG/KG	25	1-50	NA	NA	16.5	28	11.8
Iron	MG/KG	2000	2000-550000	NA	NA	NA	11,300	9,630
Lead	MG/KG	SB	500	NA	NA	4.4	518	14.6
Magnesium	MG/KG	SB	100-5000	NA	NA	NA	NA	NA
Manganese	MG/KG	SB	50-5000	NA	NA	NA	265	527
Mercury	MG/KG	0.1	0.001-0.2	NA	NA	1.0	NA	NA
Nickel	MG/KG	13	0.5-25	NA	NA	8.6	8.3	8.6
Potassium	MG/KG	SB	8500-43000	NA	NA	NA	NA	NA
Selenium	MG/KG	2	0.1-3.9	NA	NA	51 U	NA	NA

Criteria (1)- NYSDEC TAGM: Determination of Soil Cleanup Objectives and Cleanup Levels; HWR-94-4046 January 24, 1994 (Revised)

Criteria (2)- Eastern USA Background Concentrations from NYSDEC TAGM: HWR-94-4046 January 24, 1994 (Revised)

Flags assigned during chemistry validation are shown



Concentration Exceeds Criteria (1)

Concentration Exceeds Criteria (2)

J - The reported concentration is an estimated value

D - Result reported from a secondary dilution analysis.

U - Not detected above the reported quantitation limit.

NA - Not Analyzed

Only Detected Results Reported.

Detection Limits shown are PQL

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TABLE 1-1
SUMMARY OF DETECTED HISTORICAL SOIL ANALYTICAL RESULTS
NYSEG - FORMER TRANSIT STREET MGP SITE
LOCKPORT, NEW YORK

Location ID				SB-08	SB-16	SB-18	SB-19	SB-21
Sample ID				SB-08	SB-16	SB-18	SB-19	SB-21
Matrix				Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)				3.0-6.0	1.0-1.4	2.0-4.0	4.0-6.0	1.0-3.0
Date Sampled				05/27/92	05/27/92	05/28/92	05/28/92	05/28/92
Parameter	Units	Criteria (1)	Criteria (2)					
Volatile Organic Compounds								
1,1,1-Trichloroethane	MG/KG	0.8	-	0.76 U	0.005 J	0.006 U	0.002 J	0.007
1,1-Dichloroethane	MG/KG	0.2	-	0.76 U	0.006 U	0.006 U	0.007 U	0.006 U
Acetone	MG/KG	0.2	-	1.5 U	0.012 U	0.012 U	0.015 U	0.012 U
Benzene	MG/KG	0.06	-	0.54 J	0.006 U	0.006 U	0.007 U	0.003 J
Ethylbenzene	MG/KG	5.5	-	2.7	0.006 U	0.006 U	0.007 U	0.006 U
Methylene chloride	MG/KG	0.1	-	0.76 U	0.1	0.006 U	0.007 U	0.006 U
n-Propylbenzene	MG/KG	-	-	NA	NA	NA	NA	NA
Styrene	MG/KG	-	-	0.76 U	0.006 U	0.006 U	0.007 U	0.006 U
Toluene	MG/KG	1.5	-	0.4 J	0.006 U	0.006 U	0.007 U	0.006 U
Xylene (total)	MG/KG	1.2	-	0.76 U	0.006 U	0.006 U	0.007 U	0.006 U
Total BTEX	MG/KG	-	-	3.64	ND	ND	ND	0.003
Total Volatile Organic Compounds	MG/KG	10	-	3.64	0.105	ND	0.002	0.01
Semivolatile Organic Compounds								
2-Methylnaphthalene	MG/KG	36.4	-	7.8 D	0.42	0.28 J	0.22 J	0.62
Acenaphthene	MG/KG	50	-	7.6 D	0.46	0.3 J	0.45 U	0.26 J
Acenaphthylene	MG/KG	41	-	4.2	6.8 D	2.4	0.66	4.4
Anthracene	MG/KG	50	-	6.4	4.2	1.4	0.26 J	2.4
Benzo(a)anthracene	MG/KG	0.224 or MDL	-	6	58 D	3.6	0.54	8.6 D
Benzo(a)pyrene	MG/KG	0.061 or MDL	-	4.6	9.6 D	4.4	0.88	13 D
Benzo(b)fluoranthene	MG/KG	1.1	-	4.8	8.4 D	3.4	0.68	13 D

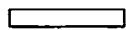
Criteria (1)- NYSDEC TAGM: Determination of Soil Cleanup Objectives and Cleanup Levels, HWR-94-4046 January 24, 1994 (Revised).

Criteria (2)- Eastern USA Background Concentrations from NYSDEC TAGM: HWR-94-4046 January 24, 1994 (Revised)

Flags assigned during chemistry validation are shown.



Concentration Exceeds Criteria (1)



Concentration Exceeds Criteria (2)

J - The reported concentration is an estimated value.

D - Result reported from a secondary dilution analysis.

U - Not detected above the reported quantitation limit.

NA - Not Analyzed

Only Detected Results Reported.

Detection Limits shown are PQL

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TABLE 1-1
SUMMARY OF DETECTED HISTORICAL SOIL ANALYTICAL RESULTS
NYSEG - FORMER TRANSIT STREET MGP SITE
LOCKPORT, NEW YORK

Location ID				SB-08	SB-16	SB-18	SB-19	SB-21
Sample ID				SB-08	SB-16	SB-18	SB-19	SB-21
Matrix				Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)				3.0-6.0	1.0-1.4	2.0-4.0	4.0-6.0	1.0-3.0
Date Sampled				05/27/92	05/27/92	05/28/92	05/28/92	05/28/92
Parameter	Units	Criteria (1)	Criteria (2)					
Semivolatile Organic Compounds								
Benzo(g,h,i)perylene	MG/KG	50	-	1.2	7.2 D	1.9	0.72	12 D
Benzo(k)fluoranthene	MG/KG	1.1	-	2.8	5.4 D	3.2	0.74	5.4
bis(2-Ethylhexyl)phthalate	MG/KG	50	-	0.41 U	0.41 U	0.28 J	0.45 U	0.39 U
Chrysene	MG/KG	0.4	-	4.6	6 D	3.2	0.62	4.6
Dibenz(a,h)anthracene	MG/KG	0.014 or MDL	-	0.7	3.4	0.84	0.2 J	2.6 D
Dibenzofuran	MG/KG	6.2	-	0.86	0.68	0.15 J	0.45 U	0.38 J
Di-n-butylphthalate	MG/KG	8.1	-	0.41 U	0.41 U	0.42 U	0.45 U	0.78
Fluoranthene	MG/KG	50	-	7.4	11 D	4.2	0.84	5.8
Fluorene	MG/KG	50	-	5.4 D	1.2	0.88	0.45 U	0.58
Indeno(1,2,3-cd)pyrene	MG/KG	3.2	-	1.4	5.8 D	2	0.6	5.4
Naphthalene	MG/KG	13	-	13 D	0.52	0.9	0.46	0.74
Phenanthrene	MG/KG	50	-	13 D	6.4	3.0	0.48	3.6
Pyrene	MG/KG	50	-	7.4 D	10 D	4.6	0.88	12 D
Total Carcinogenic PAHs	MG/KG	-	-	24.9	96.6	20.64	4.26	52.6
Total Non-Carcinogenic PAHs	MG/KG	-	-	73.4	48.2	19.86	4.52	42.4
Total Polycyclic Aromatic Hydrocarbons	MG/KG	-	-	98.3	144.8	40.5	8.78	95
Total Semivolatile Organic Compounds	MG/KG	500	-	99.16	145.48	40.93	8.78	96.16
Polychlorinated Biphenyls								
Aroclor 1254	MG/KG	10	-	NA	NA	NA	NA	NA
Aroclor 1260	MG/KG	10	-	NA	NA	NA	NA	NA

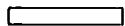
Criteria (1)- NYSDEC TAGM: Determination of Soil Cleanup Objectives and Cleanup Levels; HWR-94-4046 January 24, 1994 (Revised).

Criteria (2)- Eastern USA Background Concentrations from NYSDEC TAGM: HWR-94-4046 January 24, 1994 (Revised).

Flags assigned during chemistry validation are shown.



Concentration Exceeds Criteria (1)



Concentration Exceeds Criteria (2)

J - The reported concentration is an estimated value.

D - Result reported from a secondary dilution analysis.

U - Not detected above the reported quantitation limit.

NA - Not Analyzed

Only Detected Results Reported.

Detection Limits shown are PQL

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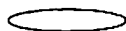
TABLE 1-1
SUMMARY OF DETECTED HISTORICAL SOIL ANALYTICAL RESULTS
NYSEG - FORMER TRANSIT STREET MGP SITE
LOCKPORT, NEW YORK

Location ID				SB-08	SB-16	SB-18	SB-19	SB-21
Sample ID				SB-08	SB-16	SB-18	SB-19	SB-21
Matrix				Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)				3.0-6.0	1.0-1.4	2.0-4.0	4.0-6.0	1.0-3.0
Date Sampled				05/27/92	05/27/92	05/28/92	05/28/92	05/28/92
Parameter	Units	Criteria (1)	Criteria (2)					
Polychlorinated Biphenyls								
Total Polychlorinated Biphenyls	MG/KG	10	-	NA	NA	NA	NA	NA
Metals								
Aluminum	MG/KG	SB	33000	4,720	5,000	4,130	4,680	4,510
Antimony	MG/KG	SB	-	0.25 U	0.22 U	0.23 U	0.24 U	0.23 U
Arsenic	MG/KG	7.5	3-12	NA	NA	NA	NA	NA
Barium	MG/KG	300	15-600	NA	NA	NA	NA	NA
Beryllium	MG/KG	0.16	0-1.75	NA	NA	NA	NA	NA
Cadmium	MG/KG	1	0.1-1	0.38 B	0.78	0.35 B	0.85	4.4
Calcium	MG/KG	SB	130-35000	NA	NA	NA	NA	NA
Chromium	MG/KG	10	1.5-40	7.9	7.6	7.8	14.5	12.4
Cobalt	MG/KG	30	2.5-60	3.6 B	5 B	5.9	5 B	5.6 B
Copper	MG/KG	25	1-50	11.1	26.3	20.3	134	461
Iron	MG/KG	2000	2000-550000	9,110	10,100	12,200	14,900	12,000
Lead	MG/KG	SB	500	120	552	159	732	282
Magnesium	MG/KG	SB	100-5000	NA	NA	NA	NA	NA
Manganese	MG/KG	SB	50-5000	436	528	403	464	427
Mercury	MG/KG	0.1	0.001-0.2	NA	NA	NA	NA	NA
Nickel	MG/KG	13	0.5-25	6.9	6.9	9.3	14.3	16.6
Potassium	MG/KG	SB	8500-43000	NA	NA	NA	NA	NA
Selenium	MG/KG	2	0.1-3.9	NA	NA	NA	NA	NA

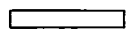
Criteria (1)- NYSDEC TAGM: Determination of Soil Cleanup Objectives and Cleanup Levels; HWR-94-4046 January 24, 1994 (Revised)

Criteria (2)- Eastern USA Background Concentrations from NYSDEC TAGM: HWR-94-4046 January 24, 1994 (Revised)

Flags assigned during chemistry validation are shown.



Concentration Exceeds Criteria (1)



Concentration Exceeds Criteria (2)

J - The reported concentration is an estimated value.

D - Result reported from a secondary dilution analysis.

U - Not detected above the reported quantitation limit.

NA - Not Analyzed

Only Detected Results Reported.

Detection Limits shown are PQL

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TABLE 1-1
SUMMARY OF DETECTED HISTORICAL SOIL ANALYTICAL RESULTS
NYSEG - FORMER TRANSIT STREET MGP SITE
LOCKPORT, NEW YORK

Location ID				SB-08	SB-16	SB-18	SB-19	SB-21
Sample ID				SB-08	SB-16	SB-18	SB-19	SB-21
Matrix				Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)				3.0-6.0	1.0-1.4	2.0-4.0	4.0-6.0	1.0-3.0
Date Sampled				05/27/92	05/27/92	05/28/92	05/28/92	05/28/92
Parameter	Units	Criteria (1)	Criteria (2)					
Metals								
Silver	MG/KG	SB	-	NA	NA	NA	NA	NA
Sodium	MG/KG	SB	6000-8000	NA	NA	NA	NA	NA
Thallium	MG/KG	SB	-	NA	NA	NA	NA	NA
Vanadium	MG/KG	150	1-300	NA	NA	NA	NA	NA
Zinc	MG/KG	20	9-50	13.3	76.7	34.1	460	5,310
Miscellaneous Parameters								
Total Cyanide	MG/KG	-	-	1.3	1.2 U	79.2	6.1	16.2
Cyanide, Amenable To Chlorination	MG/KG	-	-	1.2 U	NA	1.1 U	1.2 U	11.9
Phenolics, Total Recoverable	MG/KG	-	-	NA	NA	NA	NA	NA
Sulfide	MG/KG	-	-	5.1 U	4.7 U	7	4.9 U	451

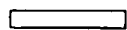
Criteria (1)- NYSDEC TAGM: Determination of Soil Cleanup Objectives and Cleanup Levels: HWR-94-4046 January 24, 1994 (Revised)

Criteria (2)- Eastern USA Background Concentrations from NYSDEC TAGM: HWR-94-4046 January 24, 1994 (Revised)

Flags assigned during chemistry validation are shown.



Concentration Exceeds Criteria (1)



Concentration Exceeds Criteria (2)

J - The reported concentration is an estimated value

D - Result reported from a secondary dilution analysis

U - Not detected above the reported quantitation limit

NA - Not Analyzed

Only Detected Results Reported.

Detection Limits shown are PQL

Advanced Selection Transact Table 1
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 [SITEID] = 01 AND [MATRIX] = 30 AND [LOGDATE] = 6/21/2005

TABLE 1-1
SUMMARY OF DETECTED HISTORICAL SOIL ANALYTICAL RESULTS
NYSEG - FORMER TRANSIT STREET MGP SITE
LOCKPORT, NEW YORK

Location ID				SB-24	SB-27	SB-28	SB-29	SB-30
Sample ID				SB-24	SB-27	SB-28	SB-29	SB-30
Matrix				Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)				0.0-1.0	4.0-5.5	6.0-8.0	7.0-9.0	4.0-6.0
Date Sampled				05/28/92	05/28/92	05/28/92	05/28/92	05/28/92
Parameter	Units	Criteria (1)	Criteria (2)					
Volatile Organic Compounds								
1,1,1-Trichloroethane	MG/KG	0.8	-	2.3 U	0.016 U	0.007 U	0.020 U	0.017
1,1-Dichloroethane	MG/KG	0.2	-	2.3 U	0.016 U	0.007 U	0.020 U	0.018
Acetone	MG/KG	0.2	-	4.6 U	0.072 D	0.014 U	0.056 D	0.053
Benzene	MG/KG	0.06	-	2.3 U	0.007 JD	0.007 U	0.19 D	0.25
Ethylbenzene	MG/KG	5.5	-	2.3 U	0.12 D	0.007 U	0.68 D	0.01 J
Methylene chloride	MG/KG	0.1	-	2.3 U	0.016 U	0.007 U	0.018 JD	0.011 U
n-Propylbenzene	MG/KG	-	-	NA	NA	NA	NA	NA
Styrene	MG/KG	-	-	2.3 U	0.016 U	0.007 U	0.020 U	0.011 U
Toluene	MG/KG	1.5	-	2.3 U	0.005 JD	0.007 U	0.25 D	0.005 J
Xylene (total)	MG/KG	1.2	-	3.3 D	0.08 D	0.007 U	0.5 D	0.061
Total BTEX	MG/KG	-	-	3.3	0.212	ND	1.62	0.326
Total Volatile Organic Compounds	MG/KG	10	-	3.3	0.284	ND	1.694	0.414
Semivolatile Organic Compounds								
2-Methylnaphthalene	MG/KG	36.4	-	1,100 D	4	0.38 U	3.0	1.3
Acenaphthene	MG/KG	50	-	32	6	0.38 U	3.8	3.8
Acenaphthylene	MG/KG	41	-	38	4.2	0.38 U	1.4	6.8
Anthracene	MG/KG	50	-	170 E	5	0.38 U	2.8	4.8
Benzo(a)anthracene	MG/KG	0.224 or MDL	-	100	5	0.2 J	2	17 D
Benzo(a)pyrene	MG/KG	0.051 or MDL	-	22	5.6	0.38	1.8	22 D
Benzo(b)fluoranthene	MG/KG	1.1	-	64	2.8	0.28 J	1.1	14 D

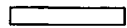
Criteria (1)- NYSDEC TAGM: Determination of Soil Cleanup Objectives and Cleanup Levels; HWR-94-4046 January 24, 1994 (Revised)

Criteria (2)- Eastern USA Background Concentrations from NYSDEC TAGM: HWR-94-4046 January 24, 1994 (Revised).

Flags assigned during chemistry validation are shown.



Concentration Exceeds Criteria (1)



Concentration Exceeds Criteria (2)

J - The reported concentration is an estimated value.

D - Result reported from a secondary dilution analysis.

U - Not detected above the reported quantitation limit.

NA - Not Analyzed

Only Detected Results Reported.

Detection Limits shown are PQL

Advanced Selection Transf. Table 1:
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TABLE 1-1
SUMMARY OF DETECTED HISTORICAL SOIL ANALYTICAL RESULTS
NYSEG - FORMER TRANSIT STREET MGP SITE
LOCKPORT, NEW YORK

Location ID				SB-24	SB-27	SB-28	SB-29	SB-30
Sample ID				SB-24	SB-27	SB-28	SB-29	SB-30
Matrix				Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)				0.0-1.0	4.0-5.5	6.0-8.0	7.0-9.0	4.0-6.0
Date Sampled				05/28/92	05/28/92	05/28/92	05/28/92	05/28/92
Parameter	Units	Criteria (1)	Criteria (2)					
Semivolatile Organic Compounds								
Benzo(g,h,i)perylene	MG/KG	50	-	28	3.0	0.28 J	0.72	7.4
Benzo(k)fluoranthene	MG/KG	1.1	-	52	3.4	0.32 J	0.9	17 D
bis(2-Ethylhexyl)phthalate	MG/KG	50	-	6.7 U	0.4 U	0.38 U	0.4 U	0.55 U
Chrysene	MG/KG	0.4	-	70	3.8	0.22 J	1.8	7.4
Dibenz(a,h)anthracene	MG/KG	0.014 or MDL	-	14	1.5	0.12 J	0.32 J	4.2
Dibenzofuran	MG/KG	6.2	-	88	0.66	0.38 U	0.3 J	0.66
Di-n-butylphthalate	MG/KG	8.1	-	6.7 U	0.84	0.94	0.62	0.96
Fluoranthene	MG/KG	50	-	200 D	6	0.3 J	3.2	19 D
Fluorene	MG/KG	50	-	54	4.4	0.38 U	2.6	2.6
Indeno(1,2,3-cd)pyrene	MG/KG	3.2	-	28	2.6	0.24 J	0.66	6.8 D
Naphthalene	MG/KG	13	-	1,800 D	3.8	0.12 J	2.4	5.2
Phenanthrene	MG/KG	50	-	460 D	18 D	0.15 J	6.4 E	8.6
Pyrene	MG/KG	50	-	200 D	12 D	0.24 J	3.8	24 D
Total Carcinogenic PAHs	MG/KG	-	-	350	24.7	1.76	8.58	88.4
Total Non-Carcinogenic PAHs	MG/KG	-	-	4,082	66.4	1.09	30.12	83.5
Total Polycyclic Aromatic Hydrocarbons	MG/KG	-	-	4,432	91.1	2.85	38.7	171.9
Total Semivolatile Organic Compounds	MG/KG	500	-	4,520	92.6	3.79	39.62	173.52
Polychlorinated Biphenyls								
Aroclor 1254	MG/KG	10	-	NA	NA	NA	NA	NA
Aroclor 1260	MG/KG	10	-	NA	NA	NA	NA	NA

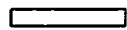
Criteria (1)- NYSDEC TAGM: Determination of Soil Cleanup Objectives and Cleanup Levels; HWR-94-4046 January 24, 1994 (Revised).

Criteria (2)- Eastern USA Background Concentrations from NYSDEC TAGM: HWR-94-4046 January 24, 1994 (Revised).

Flags assigned during chemistry validation are shown.



Concentration Exceeds Criteria (1)



Concentration Exceeds Criteria (2)

J - The reported concentration is an estimated value

D - Result reported from a secondary dilution analysis.

U - Not detected above the reported quantitation limit.

NA - Not Analyzed

Only Detected Results Reported.

Detection Limits shown are PQL

Advanced Selection: Transl_Table1
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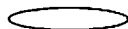
TABLE 1-1
SUMMARY OF DETECTED HISTORICAL SOIL ANALYTICAL RESULTS
NYSEG - FORMER TRANSIT STREET MGP SITE
LOCKPORT, NEW YORK

Location ID				SB-24	SB-27	SB-28	SB-29	SB-30
Sample ID				SB-24	SB-27	SB-28	SB-29	SB-30
Matrix				Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)				0.0-1.0	4.0-5.5	6.0-8.0	7.0-9.0	4.0-6.0
Date Sampled				05/28/92	05/28/92	05/28/92	05/28/92	05/28/92
Parameter	Units	Criteria (1)	Criteria (2)					
Polychlorinated Biphenyls								
Total Polychlorinated Biphenyls	MG/KG	10	-	NA	NA	NA	NA	NA
Metals								
Aluminum	MG/KG	SB	33000	1,430	4,330	5,200	8,410	6,310
Antimony	MG/KG	SB	-	2.9 B	0.24 U	0.23 U	0.24 U	0.32 U
Arsenic	MG/KG	7.5	3-12	NA	NA	NA	NA	NA
Barium	MG/KG	300	15-600	NA	NA	NA	NA	NA
Beryllium	MG/KG	0.16	0-1.75	NA	NA	NA	NA	NA
Cadmium	MG/KG	1	0.1-1	1.8	0.36 U	0.58	0.6	0.49 B
Calcium	MG/KG	SB	130-35000	NA	NA	NA	NA	NA
Chromium	MG/KG	10	1.5-40	24.8	7.4	8.7	13.1	9.7
Cobalt	MG/KG	30	2.5-60	8 B	3.5 B	4.4 B	5.6 B	4.4 B
Copper	MG/KG	25	1-50	44.7	14.8	13.8	9.1	44.7
Iron	MG/KG	2000	2000-550000	24,100	7,910	9,540	15,000	10,600
Lead	MG/KG	SB	500	1,690	199	35.8 B	8.6	364
Magnesium	MG/KG	SB	100-5000	NA	NA	NA	NA	NA
Manganese	MG/KG	SB	50-5000	602	385	412	508	369
Mercury	MG/KG	0.1	0.001-0.2	NA	NA	NA	NA	NA
Nickel	MG/KG	13	0.5-25	12	7.6	9.7	10.5	11.2
Potassium	MG/KG	SB	8500-43000	NA	NA	NA	NA	NA
Selenium	MG/KG	2	0.1-3.9	NA	NA	NA	NA	NA

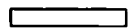
Criteria (1)- NYSDEC TAGM: Determination of Soil Cleanup Objectives and Cleanup Levels; HWR-94-4046 January 24, 1994 (Revised).

Criteria (2)- Eastern USA Background Concentrations from NYSDEC TAGM: HWR-94-4046 January 24, 1994 (Revised).

Flags assigned during chemistry validation are shown.



Concentration Exceeds Criteria (1)



Concentration Exceeds Criteria (2)

J - The reported concentration is an estimated value.

D - Result reported from a secondary dilution analysis.

U - Not detected above the reported quantitation limit.

NA - Not Analyzed

Only Detected Results Reported.

Detection Limits shown are PQL

Advanced Selection: Table 1-1
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TABLE 1-1
SUMMARY OF DETECTED HISTORICAL SOIL ANALYTICAL RESULTS
NYSEG - FORMER TRANSIT STREET MGP SITE
LOCKPORT, NEW YORK

Location ID				SB-24	SB-27	SB-28	SB-29	SB-30
Sample ID				SB-24	SB-27	SB-28	SB-29	SB-30
Matrix				Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)				0.0-1.0	4.0-5.5	6.0-8.0	7.0-9.0	4.0-6.0
Date Sampled				05/28/92	05/28/92	05/28/92	05/28/92	05/28/92
Parameter	Units	Criteria (1)	Criteria (2)					
Metals								
Silver	MG/KG	SB	-	NA	NA	NA	NA	NA
Sodium	MG/KG	SB	6000-8000	NA	NA	NA	NA	NA
Thallium	MG/KG	SB	-	NA	NA	NA	NA	NA
Vanadium	MG/KG	150	1-300	NA	NA	NA	NA	NA
Zinc	MG/KG	20	9-50	520	39.8	47.9	32.9	105
Miscellaneous Parameters								
Total Cyanide	MG/KG	-	-	15	1.2 U	1.2 U	1.2 U	5.9
Cyanide, Amenable To Chlorination	MG/KG	-	-	1.9 U	NA	NA	NA	1.6 U
Phenolics, Total Recoverable	MG/KG	-	-	NA	NA	NA	NA	NA
Sulfide	MG/KG	-	-	761	5.1 U	7	4.9 U	668

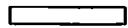
Criteria (1)- NYSDEC TAGM: Determination of Soil Cleanup Objectives and Cleanup Levels, HWR-94-4046 January 24, 1994 (Revised).

Criteria (2)- Eastern USA Background Concentrations from NYSDEC TAGM: HWR-94-4046 January 24, 1994 (Revised).

Flags assigned during chemistry validation are shown



Concentration Exceeds Criteria (1)



Concentration Exceeds Criteria (2)

J - The reported concentration is an estimated value.

D - Result reported from a secondary dilution analysis.

U - Not detected above the reported quantitation limit.

NA - Not Analyzed

Only Detected Results Reported.

Detection Limits shown are PQL

Advanced Selection Transac Table 1-
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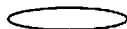
TABLE 1-1
SUMMARY OF DETECTED HISTORICAL SOIL ANALYTICAL RESULTS
NYSEG - FORMER TRANSIT STREET MGP SITE
LOCKPORT, NEW YORK

Location ID				SB-31	SB-37	SB-38	SB-43	SB-44
Sample ID				SB-31	SB-37	SB-38	SB-43	SB-44
Matrix				Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)				5.0-6.0	9.0-11.0	5.0-7.0	3.0-5.0	7.0-9.0
Date Sampled				05/28/92	05/29/92	05/29/92	05/29/92	05/29/92
Parameter	Units	Criteria (1)	Criteria (2)					
Volatile Organic Compounds								
1,1,1-Trichloroethane	MGKG	0.8	-	0.88 U	0.24 D	0.19 D	0.007 U	0.015 U
1,1-Dichloroethane	MGKG	0.2	-	0.88 U	0.01 JD	0.018 JD	0.007 U	0.015 U
Acetone	MGKG	0.2	-	1.8 U	0.14 D	0.098 U	0.015 U	0.03 U
Benzene	MGKG	0.06	-	0.88 U	0.039 U	0.019 JD	0.007 U	0.015 U
Ethylbenzene	MGKG	5.5	-	1.1	0.039 U	0.38 D	0.007 U	0.045 D
Methylene chloride	MGKG	0.1	-	0.88 U	0.071 D	0.23 D	0.007 U	0.008 JD
n-Propylbenzene	MGKG	-	-	NA	NA	NA	NA	NA
Styrene	MGKG	-	-	0.88 U	0.039 U	0.049 U	0.007 U	0.015 U
Toluene	MGKG	1.5	-	0.88 U	0.039 U	0.034 JD	0.007 U	0.015 U
Xylene (total)	MGKG	1.2	-	1.9	0.039	0.15 D	0.007 U	0.015 JD
Total BTEX	MGKG	-	-	3	0.039	0.583	ND	0.06
Total Volatile Organic Compounds	MGKG	10	-	3	0.5	1.021	ND	0.068
Semivolatile Organic Compounds								
2-Methylnaphthalene	MGKG	36.4	-	2.4	0.42 U	18 D	0.43 U	0.46 U
Acenaphthene	MGKG	50	-	2.2	0.42 U	7.2	0.092 J	0.38
Acenaphthylene	MGKG	41	-	1.1	0.42 U	1.2	0.092 J	1.5
Anthracene	MGKG	50	-	3.6	0.11 J	3.6	0.22 J	0.64
Benzo(a)anthracene	MGKG	0.224 or MDL	-	0.98	0.42 U	1.8	0.86	1
Benzo(a)pyrene	MGKG	0.061 or MDL	-	1.1	0.42 U	1.6	1.4	2.4
Benzo(b)fluoranthene	MGKG	1.1	-	0.82	0.42 U	0.94	0.94	1.5

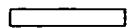
Criteria (1)- NYSDEC TAGM: Determination of Soil Cleanup Objectives and Cleanup Levels; HWR-54-4046 January 24, 1994 (Revised)

Criteria (2)- Eastern USA Background Concentrations from NYSDEC TAGM. HWR-94-4046 January 24, 1994 (Revised).

Flags assigned during chemistry validation are shown.



Concentration Exceeds Criteria (1)



Concentration Exceeds Criteria (2)

J - The reported concentration is an estimated value

D - Result reported from a secondary dilution analysis.

U - Not detected above the reported quantitation limit.

NA - Not Analyzed

Only Detected Results Reported.

Detection Limits shown are PQL

Advanced Selection: Transit, Table 1:
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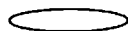
TABLE 1-1
SUMMARY OF DETECTED HISTORICAL SOIL ANALYTICAL RESULTS
NYSEG - FORMER TRANSIT STREET MGP SITE
LOCKPORT, NEW YORK

Location ID				SB-31	SB-37	SB-38	SB-43	SB-44
Sample ID				SB-31	SB-37	SB-38	SB-43	SB-44
Matrix				Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)				5.0-6.0	9.0-11.0	5.0-7.0	3.0-5.0	7.0-9.0
Date Sampled				05/28/92	05/29/92	05/29/92	05/29/92	05/29/92
Parameter	Units	Criteria (1)	Criteria (2)					
Semivolatile Organic Compounds								
Benzo(g,h,i)perylene	MG/KG	50	-	0.52	0.42 U	0.66	0.5	0.76
Benzo(k)fluoranthene	MG/KG	1.1	-	0.66	0.42 U	0.9	1.4	1.4
bis(2-Ethylhexyl)phthalate	MG/KG	50	-	0.47 U	0.42 U	0.52 U	0.43 U	0.46 U
Chrysene	MG/KG	0.4	-	1.2	0.42 U	1.62	0.86	1.1
Dibenz(a,h)anthracene	MG/KG	0.014 or MDL	-	0.28 J	0.42 U	0.28 J	0.3 J	0.24 J
Dibenzofuran	MG/KG	6.2	-	0.47 U	0.42 U	0.44 J	0.43 U	0.46 U
Di-n-butylphthalate	MG/KG	8.1	-	0.86	0.58	0.86	0.74	0.84
Fluoranthene	MG/KG	50	-	2.4	0.2 J	3.4	0.98	1.2
Fluorene	MG/KG	50	-	0.74	0.42 U	3.8	0.43 U	0.26 J
Indeno(1,2,3-cd)pyrene	MG/KG	3.2	-	0.5	0.42 U	0.56	0.58	0.72
Naphthalene	MG/KG	13	-	4.8	0.1 J	30 D	0.43 U	0.26 J
Phenanthrene	MG/KG	50	-	22 D	0.44	15 D	0.7	1
Pyrene	MG/KG	50	-	1.8	0.2 J	3.8	0.88	1.9
Total Carcinogenic PAHs	MG/KG	-	-	5.54	ND	7.7	6.34	8.36
Total Non-Carcinogenic PAHs	MG/KG	-	-	41.56	1.05	86.66	3.464	7.9
Total Polycyclic Aromatic Hydrocarbons	MG/KG	-	-	47.1	1.05	94.36	9.804	16.26
Total Semivolatile Organic Compounds	MG/KG	500	-	47.96	1.63	95.66	10.544	17.1
Polychlorinated Biphenyls								
Aroclor 1254	MG/KG	10	-	NA	NA	NA	NA	NA
Aroclor 1260	MG/KG	10	-	NA	NA	NA	NA	NA

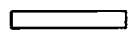
Criteria (1)- NYSDEC TAGM: Determination of Soil Cleanup Objectives and Cleanup Levels; HWR-94-4046 January 24, 1994 (Revised).

Criteria (2)- Eastern USA Background Concentrations from NYSDEC TAGM: HWR-94-4046 January 24, 1994 (Revised).

Flags assigned during chemistry validation are shown.



Concentration Exceeds Criteria (1)



Concentration Exceeds Criteria (2)

J - The reported concentration is an estimated value.

D - Result reported from a secondary dilution analysis.

U - Not detected above the reported quantitation limit.

NA - Not Analyzed

Only Detected Results Reported.

Detection Limits shown are PQL

Advanced Selection Transac Table 1
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TABLE 1-1
SUMMARY OF DETECTED HISTORICAL SOIL ANALYTICAL RESULTS
NYSEG - FORMER TRANSIT STREET MGP SITE
LOCKPORT, NEW YORK

Location ID				SB-31	SB-37	SB-38	SB-43	SB-44
Sample ID				SB-31	SB-37	SB-38	SB-43	SB-44
Matrix				Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)				5.0-6.0	9.0-11.0	5.0-7.0	3.0-5.0	7.0-9.0
Date Sampled				05/28/92	05/29/92	05/29/92	05/29/92	05/29/92
Parameter	Units	Criteria (1)	Criteria (2)					
Polychlorinated Biphenyls								
Total Polychlorinated Biphenyls	MGKG	10	-	NA	NA	NA	NA	NA
Metals								
Aluminum	MGKG	SB	33000	5,450	3,680	6,000	5,790	4,800
Antimony	MGKG	SB	-	0.3 U	0.26 U	0.29 U	0.25 U	0.23 U
Arsenic	MGKG	7.5	3-12	NA	NA	NA	NA	NA
Barium	MGKG	300	15-600	NA	NA	NA	NA	NA
Beryllium	MGKG	0.16	0-1.75	NA	NA	NA	NA	NA
Cadmium	MGKG	1	0.1-1	0.45 B	0.39 U	0.44 U	0.49 B	0.34 B
Calcium	MGKG	SB	130-35000	NA	NA	NA	NA	NA
Chromium	MGKG	10	1.5-40	7.6	7.6	10.1	7.4	7.6
Cobalt	MGKG	30	2.5-60	3.7 B	5 B	2.5 B	3.2 B	3.9 B
Copper	MGKG	25	1-50	25.4	13.9	40.1	47.2	11.9
Iron	MGKG	2000	2000-550000	10,400	9,720	8,330	8,810	8,800
Lead	MGKG	SB	500	35.6 B	90.4	467	159	31
Magnesium	MGKG	SB	100-5000	NA	NA	NA	NA	NA
Manganese	MGKG	SB	50-5000	527	611	1,150	1,770	493
Mercury	MGKG	0.1	0.001-0.2	NA	NA	NA	NA	NA
Nickel	MGKG	13	0.5-25	8.2	7.7	12.3	9.7	7.4
Potassium	MGKG	SB	8500-43000	NA	NA	NA	NA	NA
Selenium	MGKG	2	0.1-3.9	NA	NA	NA	NA	NA

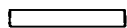
Criteria (1)- NYSDEC TAGM: Determination of Soil Cleanup Objectives and Cleanup Levels; HWR-94-4046 January 24, 1994 (Revised).

Criteria (2)- Eastern USA Background Concentrations from NYSDEC TAGM: HWR-94-4046 January 24, 1994 (Revised).

Flags assigned during chemistry validation are shown.



Concentration Exceeds Criteria (1)



Concentration Exceeds Criteria (2)

J - The reported concentration is an estimated value.

D - Result reported from a secondary dilution analysis.

U - Not detected above the reported quantitation limit.

NA - Not Analyzed

Only Detected Results Reported.

Detection Limits shown are PQL

Advanced Selection: Transer, Table 1-
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TABLE 1-1
SUMMARY OF DETECTED HISTORICAL SOIL ANALYTICAL RESULTS
NYSEG - FORMER TRANSIT STREET MGP SITE
LOCKPORT, NEW YORK

Location ID				SB-31	SB-37	SB-38	SB-43	SB-44
Sample ID				SB-31	SB-37	SB-38	SB-43	SB-44
Matrix				Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)				5.0-6.0	9.0-11.0	5.0-7.0	3.0-5.0	7.0-9.0
Date Sampled				05/28/92	05/29/92	05/29/92	05/29/92	05/29/92
Parameter	Units	Criteria (1)	Criteria (2)					
Metals								
Silver	MG/KG	SB	-	NA	NA	NA	NA	NA
Sodium	MG/KG	SB	6000-8000	NA	NA	NA	NA	NA
Thallium	MG/KG	SB	-	NA	NA	NA	NA	NA
Vanadium	MG/KG	150	1-300	NA	NA	NA	NA	NA
Zinc	MG/KG	20	9-50	48.7	33.6	189	150	26.8
Miscellaneous Parameters								
Total Cyanide	MG/KG	-	-	1.5 U	1.3 U	1.4 U	1.3 U	1.1 U
Cyanide, Amenable To Chlorination	MG/KG	-	-	NA	NA	NA	NA	NA
Phenolics, Total Recoverable	MG/KG	-	-	NA	NA	NA	NA	NA
Sulfide	MG/KG	-	-	612	52.3	5.9 U	5.1 U	83.6

Criteria (1)- NYSDEC TAGM: Determination of Soil Cleanup Objectives and Cleanup Levels; HWR-94-4046 January 24, 1994 (Revised).

Criteria (2)- Eastern USA Background Concentrations from NYSDEC TAGM: HWR-94-4046 January 24, 1994 (Revised)

Flags assigned during chemistry validation are shown.



Concentration Exceeds Criteria (1)



Concentration Exceeds Criteria (2)

J - The reported concentration is an estimated value.

D - Result reported from a secondary dilution analysis.

U - Not detected above the reported quantitation limit.

NA - Not Analyzed

Only Detected Results Reported.

Detection Limits shown are PQL

Advanced Selection: Trans, Table 1-
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TABLE 1-1
SUMMARY OF DETECTED HISTORICAL SOIL ANALYTICAL RESULTS
NYSEG - FORMER TRANSIT STREET MGP SITE
LOCKPORT, NEW YORK

Location ID				SMW-01D	SMW-01S	SMW-03D	SMW-04D	SMW-04S
Sample ID				SMW-01D	SMW-01S	SMW-03D	SMW-04D	SMW-04S
Matrix				Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)				50.0-51.0	30.0-32.0	16.0-18.0	16.0-18.0	10.0-12.0
Date Sampled				11/25/91	11/25/91	11/20/91	11/25/91	11/25/91
Parameter	Units	Criteria (1)	Criteria (2)					
Volatile Organic Compounds								
1,1,1-Trichloroethane	MGKG	0.8	-	NA	NA	NA	NA	NA
1,1-Dichloroethane	MGKG	0.2	-	NA	NA	NA	NA	NA
Acetone	MGKG	0.2	-	0.024 U	0.012 U	0.012 U	0.012 U	0.011 U
Benzene	MGKG	0.06	-	0.006 U	0.006 U	0.006 U	0.006 U	0.005 U
Ethylbenzene	MGKG	5.5	-	0.006 U	0.006 U	0.006 U	0.006 U	0.005 U
Methylene chloride	MGKG	0.1	-	0.006 U	0.006 U	0.007 U	0.006 U	0.005 U
n-Propylbenzene	MGKG	-	-	NA	NA	NA	NA	NA
Styrene	MGKG	-	-	0.006 U	0.006 U	0.006 U	0.006 U	0.005 U
Toluene	MGKG	1.5	-	0.002 J	0.006 U	0.006 U	0.006 U	0.005 U
Xylene (total)	MGKG	1.2	-	0.006 U	0.006 U	0.006 U	0.006 U	0.005 U
Total BTEX	MGKG	-	-	0.002	ND	ND	ND	ND
Total Volatile Organic Compounds	MGKG	10	-	0.002	ND	ND	ND	ND
Semivolatile Organic Compounds								
2-Methylnaphthalene	MGKG	36.4	-	0.39 U	0.4 U	0.39 U	0.39 U	0.38 U
Acenaphthene	MGKG	50	-	0.39 U	0.4 U	0.39 U	0.39 U	0.38 U
Acenaphthylene	MGKG	41	-	0.39 U	0.4 U	0.39 U	0.39 U	0.38 U
Anthracene	MGKG	50	-	0.39 U	0.4 U	0.39 U	0.39 U	0.38 U
Benzo(a)anthracene	MGKG	0.224 or MDL	-	0.39 U	0.4 U	0.39 U	0.39 U	0.38 U
Benzo(a)pyrene	MGKG	0.061 or MDL	-	0.39 U	0.4 U	0.39 U	0.39 U	0.38 U
Benzo(b)fluoranthene	MGKG	1.1	-	0.39 U	0.4 U	0.39 U	0.39 U	0.38 U

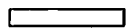
Criteria (1)- NYSDEC TAGM: Determination of Soil Cleanup Objectives and Cleanup Levels; HWR-94-4046 January 24, 1994 (Revised).

Criteria (2)- Eastern USA Background Concentrations from NYSDEC TAGM: HWR-94-4046 January 24, 1994 (Revised)

Flags assigned during chemistry validation are shown.



Concentration Exceeds Criteria (1)



Concentration Exceeds Criteria (2)

J - The reported concentration is an estimated value.

D - Result reported from a secondary dilution analysis.

U - Not detected above the reported quantitation limit.

NA - Not Analyzed

Only Detected Results Reported.

Detection Limits shown are PQL

Advanced Section: Transit Table 1-
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TABLE 1-1
SUMMARY OF DETECTED HISTORICAL SOIL ANALYTICAL RESULTS
NYSEG - FORMER TRANSIT STREET MGP SITE
LOCKPORT, NEW YORK

Location ID				SMW-01D	SMW-01S	SMW-03D	SMW-04D	SMW-04S
Sample ID				SMW-01D	SMW-01S	SMW-03D	SMW-04D	SMW-04S
Matrix				Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)				50.0-51.0	30.0-32.0	16.0-18.0	16.0-18.0	10.0-12.0
Date Sampled				11/25/91	11/25/91	11/20/91	11/25/91	11/25/91
Parameter	Units	Criteria (1)	Criteria (2)					
Semivolatile Organic Compounds								
Benzo(g,h,i)perylene	MG/KG	50	-	0.39 U	0.4 U	0.39 U	0.39 U	0.38 U
Benzo(k)fluoranthene	MG/KG	1.1	-	0.39 U	0.4 U	0.39 U	0.39 U	0.38 U
bis(2-Ethylhexyl)phthalate	MG/KG	50	-	0.39 U	0.4 U	0.39 U	0.39 U	0.38 U
Chrysene	MG/KG	0.4	-	0.39 U	0.4 U	0.39 U	0.39 U	0.38 U
Dibenz(a,h)anthracene	MG/KG	0.014 or MDL	-	0.39 U	0.4 U	0.39 U	0.39 U	0.38 U
Dibenzofuran	MG/KG	6.2	-	0.39 U	0.4 U	0.39 U	0.39 U	0.38 U
Di-n-butylphthalate	MG/KG	8.1	-	NA	NA	NA	NA	NA
Fluoranthene	MG/KG	50	-	0.39 U	0.4 U	0.39 U	0.39 U	0.38 U
Fluorene	MG/KG	50	-	0.39 U	0.4 U	0.39 U	0.39 U	0.38 U
Indeno(1,2,3-cd)pyrene	MG/KG	3.2	-	0.39 U	0.4 U	0.39 U	0.39 U	0.38 U
Naphthalene	MG/KG	13	-	0.39 U	0.4 U	0.39 U	0.39 U	0.38 U
Phenanthrene	MG/KG	50	-	0.39 U	0.4 U	0.39 U	0.046 J	0.38 U
Pyrene	MG/KG	50	-	0.39 U	0.4 U	0.39 U	0.39 U	0.38 U
Total Carcinogenic PAHs	MG/KG	-	-	ND	ND	ND	ND	ND
Total Non-Carcinogenic PAHs	MG/KG	-	-	ND	ND	ND	0.046	ND
Total Polycyclic Aromatic Hydrocarbons	MG/KG	-	-	ND	ND	ND	0.046	ND
Total Semivolatile Organic Compounds	MG/KG	500	-	ND	ND	ND	0.046	ND
Polychlorinated Biphenyls								
Aroclor 1254	MG/KG	10	-	NA	NA	NA	NA	NA
Aroclor 1260	MG/KG	10	-	NA	NA	NA	NA	NA

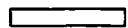
Criteria (1)- NYSDEC TAGM: Determination of Soil Cleanup Objectives and Cleanup Levels; HWR-94-4046 January 24, 1994 (Revised)

Criteria (2)- Eastern USA Background Concentrations from NYSDEC TAGM: HWR-94-4046 January 24, 1994 (Revised)

Flags assigned during chemistry validation are shown.



Concentration Exceeds Criteria (1)



Concentration Exceeds Criteria (2)

J - The reported concentration is an estimated value.

D - Result reported from a secondary dilution analysis.

U - Not detected above the reported quantitation limit.

NA - Not Analyzed

Only Detected Results Reported.

Detection Limits shown are PQL

Advanced Selection: Transac_Table1
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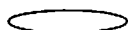
TABLE 1-1
SUMMARY OF DETECTED HISTORICAL SOIL ANALYTICAL RESULTS
NYSEG - FORMER TRANSIT STREET MGP SITE
LOCKPORT, NEW YORK

Location ID				SMW-01D	SMW-01S	SMW-03D	SMW-04D	SMW-04S
Sample ID				SMW-01D	SMW-01S	SMW-03D	SMW-04D	SMW-04S
Matrix				Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)				50.0-51.0	30.0-32.0	16.0-18.0	16.0-18.0	10.0-12.0
Date Sampled				11/25/91	11/25/91	11/20/91	11/25/91	11/25/91
Parameter	Units	Criteria (1)	Criteria (2)					
Polychlorinated Biphenyls								
Total Polychlorinated Biphenyls	MG/KG	10	-	NA	NA	NA	NA	NA
Metals								
Aluminum	MG/KG	SB	33000	4,940	3,420	4,680	4,640 U	6,490
Antimony	MG/KG	SB	-	6 U	6.2 U	6.1 U	6.1 U	5.9 U
Arsenic	MG/KG	7.5	3-12	2.7 J	1.4 J	2.6 J	6.6	4.5 J
Barium	MG/KG	300	15-600	66	78.4	151	95.1	68.5
Beryllium	MG/KG	0.16	0-1.75	0.66 B	0.7 B	0.68 B	0.66 B	0.63 B
Cadmium	MG/KG	1	0.1-1	0.47 U	0.48 U	0.47 U	0.47 U	0.45 U
Calcium	MG/KG	SB	130-35000	50,700 J	25,800 J	35,700 J	35,700 J	57,200 J
Chromium	MG/KG	10	1.5-40	7.2	5.1 U	6.8	8	9.2
Cobalt	MG/KG	30	2.5-60	4 B	3.0 B	4.7 B	4.6 B	5.4 B
Copper	MG/KG	25	1-50	16.4	6.8 U	16	19.8	21.6
Iron	MG/KG	2000	2000-550000	10,100	7,210	9,390	10,300	12,300
Lead	MG/KG	SB	500	2.5 J	1.6 J	2 J	1.9 J	5.7 J
Magnesium	MG/KG	SB	100-5000	7,200	5,350	6,200	6,360	10,800
Manganese	MG/KG	SB	50-5000	517	302	462	477	728
Mercury	MG/KG	0.1	0.001-0.2	0.12 U	0.12 U	0.12 U	0.12 U	0.11 U
Nickel	MG/KG	13	0.5-25	5.7 B	4.9 B	8 B	4.3 B	9.1
Potassium	MG/KG	SB	8500-43000	400 B	452 B	937 B	507 B	551 B
Selenium	MG/KG	2	0.1-3.9	0.93 U	0.95 U	0.94 U	0.94 U	0.91 U

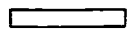
Criteria (1)- NYSDEC TAGM: Determination of Soil Cleanup Objectives and Cleanup Levels, HWR-94-4046 January 24, 1994 (Revised)

Criteria (2)- Eastern USA Background Concentrations from NYSDEC TAGM: HWR-94-4046 January 24, 1994 (Revised)

Flags assigned during chemistry validation are shown.



Concentration Exceeds Criteria (1)



Concentration Exceeds Criteria (2)

J - The reported concentration is an estimated value.

D - Result reported from a secondary dilution analysis.

U - Not detected above the reported quantitation limit.

NA - Not Analyzed

Only Detected Results Reported.

Detection Limits shown are PQL

Advanced Selection Transmittance
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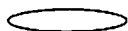
TABLE 1-1
SUMMARY OF DETECTED HISTORICAL SOIL ANALYTICAL RESULTS
NYSEG - FORMER TRANSIT STREET MGP SITE
LOCKPORT, NEW YORK

Location ID				SMW-01D	SMW-01S	SMW-03D	SMW-04D	SMW-04S
Sample ID				SMW-01D	SMW-01S	SMW-03D	SMW-04D	SMW-04S
Matrix				Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)				50.0-51.0	30.0-32.0	16.0-18.0	16.0-18.0	10.0-12.0
Date Sampled				11/25/91	11/25/91	11/20/91	11/25/91	11/25/91
Parameter	Units	Criteria (1)	Criteria (2)					
Metals								
Silver	MG/KG	SB	-	0.7 U	0.71 U	0.71 U	0.71 U	0.74 B
Sodium	MG/KG	SB	6000-8000	314 U	336 U	370 U	436 U	370 U
Thallium	MG/KG	SB	-	2.3 U	2.4 U	2.4 U	2.4 U	1.1 U
Vanadium	MG/KG	150	1-300	15.2	10.8 B	12.7	16	16.7
Zinc	MG/KG	20	9-50	21.8	15.5	23.8	20.4	29.8
Miscellaneous Parameters								
Total Cyanide	MG/KG	-	-	NA	NA	NA	NA	NA
Cyanide, Amenable To Chlorination	MG/KG	-	-	NA	NA	NA	NA	NA
Phenolics, Total Recoverable	MG/KG	-	-	NA	NA	NA	NA	NA
Sulfide	MG/KG	-	-	NA	NA	NA	NA	NA

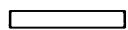
Criteria (1)- NYSDEC TAGM: Determination of Soil Cleanup Objectives and Cleanup Levels; HWR-94-4046 January 24, 1994 (Revised).

Criteria (2)- Eastern USA Background Concentrations from NYSDEC TAGM, HWR-94-4046 January 24, 1994 (Revised).

Flags assigned during chemistry validation are shown.



Concentration Exceeds Criteria (1)



Concentration Exceeds Criteria (2)

J - The reported concentration is an estimated value.

D - Result reported from a secondary dilution analysis.

U - Not detected above the reported quantitation limit.

NA - Not Analyzed

Only Detected Results Reported.

Detection Limits shown are PQL

Advanced Selection: Transd, Table1:
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TABLE 1-1
SUMMARY OF DETECTED HISTORICAL SOIL ANALYTICAL RESULTS
NYSEG - FORMER TRANSIT STREET MGP SITE
LOCKPORT, NEW YORK

Location ID				SMW-05	SMW-06D	SMW-10	SMW-10	SMW-11
Sample ID				SMW-05	SMW-06D	SMW-10	SMW-10	SMW-11
Matrix				Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)				12.0-14.0	6.0-8.0	10.0-14.0	14.0-16.0	6.0-8.0
Date Sampled				11/21/91	11/19/91	11/26/91	11/26/91	11/18/91
Parameter	Units	Criteria (1)	Criteria (2)					
Volatile Organic Compounds								
1,1,1-Trichloroethane	MG/KG	0.8	-	NA	NA	NA	NA	NA
1,1-Dichloroethane	MG/KG	0.2	-	NA	NA	NA	NA	NA
Acetone	MG/KG	0.2	-	0.013 U	7.6 U	0.031 U	0.018 U	3.9 U
Benzene	MG/KG	0.06	-	0.006 U	14	0.006 U	0.006 U	2 U
Ethylbenzene	MG/KG	5.5	-	0.006 U	34	0.006 U	0.006 U	3.6 J
Methylene chloride	MG/KG	0.1	-	0.006 U	4.1 U	0.006 U	0.006 U	2 U
n-Propylbenzene	MG/KG	-	-	NA	NA	NA	NA	NA
Styrene	MG/KG	-	-	0.006 U	3.8 U	0.006 U	0.006 U	3.4 J
Toluene	MG/KG	1.5	-	0.003 J	2.2 J	0.006 U	0.006 U	4.2 J
Xylene (total)	MG/KG	1.2	-	0.006 U	25	0.006 U	0.006 U	21 J
Total BTEX	MG/KG	-	-	0.003	75.2	ND	ND	28.8
Total Volatile Organic Compounds	MG/KG	10	-	0.003	75.2	ND	ND	32.2
Semivolatile Organic Compounds								
2-Methylnaphthalene	MG/KG	36.4	-	0.12 J	44	0.4 U	0.077 J	3.5 J
Acenaphthene	MG/KG	50	-	0.051 J	32	0.4 U	0.38 U	3.1 J
Acenaphthylene	MG/KG	41	-	0.056 J	2 J	0.4 U	0.38 U	13
Anthracene	MG/KG	50	-	0.22 J	15	0.4 U	0.08 J	10
Benzo(a)anthracene	MG/KG	0.224 or MDL	-	0.76	6.9 J	0.4 U	0.062 J	5.9
Benzo(a)pyrene	MG/KG	0.061 or MDL	-	0.75	4.8 J	0.4 U	0.38 U	3.7 J
Benzo(b)fluoranthene	MG/KG	1.1	-	0.88	2.8 J	0.4 U	0.38 U	3.1 J

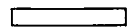
Criteria (1)- NYSDEC TAGM: Determination of Soil Cleanup Objectives and Cleanup Levels, HWR-94-4046 January 24, 1994 (Revised)

Criteria (2)- Eastern USA Background Concentrations from NYSDEC TAGM: HWR-94-4046 January 24, 1994 (Revised).

Flags assigned during chemistry validation are shown.



Concentration Exceeds Criteria (1)



Concentration Exceeds Criteria (2)

J - The reported concentration is an estimated value.

D - Result reported from a secondary dilution analysis.

U - Not detected above the reported quantitation limit.

NA - Not Analyzed

Only Detected Results Reported

Detection Limits shown are PQL

Advanced Selection Tables, Table 1
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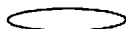
TABLE 1-1
SUMMARY OF DETECTED HISTORICAL SOIL ANALYTICAL RESULTS
NYSEG - FORMER TRANSIT STREET MGP SITE
LOCKPORT, NEW YORK

Location ID				SMW-05	SMW-06D	SMW-10	SMW-10	SMW-11
Sample ID				SMW-05	SMW-06D	SMW-10	SMW-10	SMW-11
Matrix				Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)				12.0-14.0	6.0-8.0	10.0-14.0	14.0-16.0	6.0-8.0
Date Sampled				11/21/91	11/19/91	11/26/91	11/26/91	11/18/91
Parameter	Units	Criteria (1)	Criteria (2)					
Semivolatile Organic Compounds								
Benzo(g,h,i)perylene	MG/KG	50	-	0.44	1.7 J	0.4 U	0.38 U	1.2 J
Benzo(k)fluoranthene	MG/KG	1.1	-	0.62	2.9 J	0.4 U	0.38 U	3.1 J
bis(2-Ethylhexyl)phthalate	MG/KG	50	-	0.42 U	12 U	0.4 U	0.38 U	4.2 U
Chrysene	MG/KG	0.4	-	0.78	6 J	0.4 U	0.054 J	5.1
Dibenz(a,h)anthracene	MG/KG	0.014 or MDL	-	0.31 J	12 U	0.4 U	0.38 U	1 J
Dibenzofuran	MG/KG	6.2	-	0.094 J	12 U	0.4 U	0.078 J	8
Di-n-butylphthalate	MG/KG	8.1	-	NA	NA	NA	NA	NA
Fluoranthene	MG/KG	50	-	1	13	0.4 U	0.22 J	12
Fluorene	MG/KG	50	-	0.092 J	19	0.4 U	0.14 J	14
Indeno(1,2,3-cd)pyrene	MG/KG	3.2	-	0.49	1.6 J	0.4 U	0.38 U	1.6 J
Naphthalene	MG/KG	13	-	0.12 J	75	0.58 J	0.16 J	29
Phenanthrene	MG/KG	50	-	0.81	42	0.4 U	0.42	23
Pyrene	MG/KG	50	-	1.1	18	0.4 U	0.14 J	9.9
Total Carcinogenic PAHs	MG/KG	-	-	4.59	25	ND	0.116	23.5
Total Non-Carcinogenic PAHs	MG/KG	-	-	4.009	261.7	0.58	1.237	118.7
Total Polycyclic Aromatic Hydrocarbons	MG/KG	-	-	8.599	286.7	0.58	1.353	142.2
Total Semivolatile Organic Compounds	MG/KG	500	-	8.693	286.7	0.58	1.431	150.2
Polychlorinated Biphenyls								
Aroclor 1254	MG/KG	10	-	NA	NA	NA	NA	NA
Aroclor 1260	MG/KG	10	-	NA	NA	NA	NA	NA

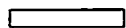
Criteria (1)- NYSDEC TAGM, Determination of Soil Cleanup Objectives and Cleanup Levels, HWR-94-4046 January 24, 1994 (Revised)

Criteria (2)- Eastern USA Background Concentrations from NYSDEC TAGM: HWR-94-4046 January 24, 1994 (Revised)

Flags assigned during chemistry validation are shown.



Concentration Exceeds Criteria (1)



Concentration Exceeds Criteria (2)

J - The reported concentration is an estimated value.

D - Result reported from a secondary dilution analysis.

U - Not detected above the reported quantitation limit.

NA - Not Analyzed

Only Detected Results Reported.

Detection Limits shown are PQL

Advanced Selection Trans: Table 1

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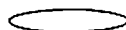
TABLE 1-1
SUMMARY OF DETECTED HISTORICAL SOIL ANALYTICAL RESULTS
NYSEG - FORMER TRANSIT STREET MGP SITE
LOCKPORT, NEW YORK

Location ID				SMW-05	SMW-06D	SMW-10	SMW-10	SMW-11
Sample ID				SMW-05	SMW-06D	SMW-10	SMW-10	SMW-11
Matrix				Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)				12.0-14.0	6.0-8.0	10.0-14.0	14.0-16.0	6.0-8.0
Date Sampled				11/21/91	11/19/91	11/26/91	11/26/91	11/18/91
Parameter	Units	Criteria (1)	Criteria (2)					
Polychlorinated Biphenyls								
Total Polychlorinated Biphenyls	MG/KG	10	-	NA	NA	NA	NA	NA
Metals								
Aluminum	MG/KG	SB	33000	9,080	11,900	6,760	2,840	9,630
Antimony	MG/KG	SB	-	6.5 U	9.5 U	6.2 U	6 U	6.5 U
Arsenic	MG/KG	7.5	3-12	5.4	2.5 B	2.2 B	2.7	4.9
Barium	MG/KG	300	15-600	96.4	477	89.7	42 B	211
Beryllium	MG/KG	0.16	0-1.75	0.77 B	0.99 B	0.67 B	0.67 B	0.67 B
Cadmium	MG/KG	1	0.1-1	0.5 U	0.73 U	0.48 U	0.46 U	0.5 U
Calcium	MG/KG	SB	130-35000	98,500 J	206,000 J	36,200 J	89,200 J	48,300 J
Chromium	MG/KG	10	1.5-40	12.3 U	15.8	10.4	4.7	14.5
Cobalt	MG/KG	30	2.5-60	5.1 B	5.9 B	6.7 B	3.5 B	7.2
Copper	MG/KG	25	1-50	40.7	39.8	7 U	17.3 U	11.7 U
Iron	MG/KG	2000	2000-550000	12,900	12,700	12,900	7,110	16,200
Lead	MG/KG	SB	500	128 J	42.9 J	2.1 J	2.7 J	6.4 J
Magnesium	MG/KG	SB	100-5000	16,400	21,100	7,860	13,100	9,720
Manganese	MG/KG	SB	50-5000	365	1,760	546	686	925
Mercury	MG/KG	0.1	0.001-0.2	0.26	0.18 U	0.12 U	0.11 U	0.12 U
Nickel	MG/KG	13	0.5-25	9.9 B	11.4 B	11.6	3.7 B	11.9
Potassium	MG/KG	SB	8500-43000	1,200 B	2,380	1,060 B	566 B	1,290
Selenium	MG/KG	2	0.1-3.9	2.6 J	1.5 U	0.95 U	0.92 U	1 U

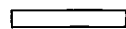
Criteria (1)- NYSDEC TAGM: Determination of Soil Cleanup Objectives and Cleanup Levels; HWR-94-4046 January 24, 1994 (Revised).

Criteria (2)- Eastern USA Background Concentrations from NYSDEC TAGM: HWR-94-4046 January 24, 1994 (Revised).

Flags assigned during chemistry validation are shown.



Concentration Exceeds Criteria (1)



Concentration Exceeds Criteria (2)

J - The reported concentration is an estimated value.

D - Result reported from a secondary dilution analysis

U - Not detected above the reported quantitation limit.

NA - Not Analyzed

Only Detected Results Reported

Detection Limits shown are PQL

Advanced Selection Trained Table 1:
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 Printed: 7/3/2008 1:57:50 PM
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TABLE 1-1
SUMMARY OF DETECTED HISTORICAL SOIL ANALYTICAL RESULTS
NYSEG - FORMER TRANSIT STREET MGP SITE
LOCKPORT, NEW YORK

Location ID				SMW-05	SMW-06D	SMW-10	SMW-10	SMW-11
Sample ID				SMW-05	SMW-06D	SMW-10	SMW-10	SMW-11
Matrix				Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)				12.0-14.0	6.0-8.0	10.0-14.0	14.0-16.0	6.0-8.0
Date Sampled				11/21/91	11/19/91	11/26/91	11/26/91	11/18/91
Parameter	Units	Criteria (1)	Criteria (2)					
Metals								
Silver	MG/KG	SB	-	0.75 U	1.1 U	0.71 U	0.7 B	0.75 U
Sodium	MG/KG	SB	6000-8000	3,180 J	1,070 U	367 U	341.43	488 U
Thallium	MG/KG	SB	-	2.5 U	3.6 U	2.4 U	0.23 U	2.5 U
Vanadium	MG/KG	150	1-300	20.5	29.1	16.1	11.3 B	22
Zinc	MG/KG	20	9-50	92.1	108	28.9	13.3 U	37
Miscellaneous Parameters								
Total Cyanide	MG/KG	-	-	NA	NA	NA	NA	NA
Cyanide, Amenable To Chlorination	MG/KG	-	-	NA	NA	NA	NA	NA
Phenolics, Total Recoverable	MG/KG	-	-	NA	NA	NA	NA	NA
Sulfide	MG/KG	-	-	NA	NA	NA	NA	NA

Criteria (1)- NYSDEC TAGM: Determination of Soil Cleanup Objectives and Cleanup Levels; HWR-94-4046 January 24, 1994 (Revised)

Criteria (2)- Eastern USA Background Concentrations from NYSDEC TAGM: HWR-94-4046 January 24, 1994 (Revised)

Flags assigned during chemistry validation are shown.



Concentration Exceeds Criteria (1)



Concentration Exceeds Criteria (2)

J - The reported concentration is an estimated value.

D - Result reported from a secondary dilution analysis.

U - Not detected above the reported quantitation limit.

NA - Not Analyzed

Only Detected Results Reported.

Detection Limits shown are PQL

Advanced Selection Transmittable
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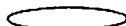
TABLE 1-1
SUMMARY OF DETECTED HISTORICAL SOIL ANALYTICAL RESULTS
NYSEG - FORMER TRANSIT STREET MGP SITE
LOCKPORT, NEW YORK

Location ID				TT-02	TT-02	TT-05
Sample ID				TT-2/S-1	TT-2/S-2	TT-5/S-3
Matrix				Soil	Soil	Soil
Depth Interval (ft)				1.0-2.0	5.0-5.0	4.0-5.0
Date Sampled				10/20/83	10/20/83	10/21/83
Parameter	Units	Criteria (1)	Criteria (2)			
Volatile Organic Compounds						
1,1,1-Trichloroethane	MG/KG	0.8	-	NA	NA	NA
1,1-Dichloroethane	MG/KG	0.2	-	NA	NA	NA
Acetone	MG/KG	0.2	-	NA	NA	NA
Benzene	MG/KG	0.06	-	0.041	128	0.008
Ethylbenzene	MG/KG	5.5	-	0.006	10.4	0.007
Methylene chloride	MG/KG	0.1	-	NA	NA	NA
n-Propylbenzene	MG/KG	-	-	0.006	4.9	0.003
Styrene	MG/KG	-	-	0.022	104	0.029
Toluene	MG/KG	1.5	-	0.049	155	0.006
Xylene (total)	MG/KG	1.2	-	0.12	150.9	0.014
Total BTEX	MG/KG	-	-	0.216	444.3	0.035
Total Volatile Organic Compounds	MG/KG	10	-	0.244	553.2	0.067
Semivolatile Organic Compounds						
2-Methylnaphthalene	MG/KG	36.4	-	NA	NA	NA
Acenaphthene	MG/KG	50	-	2.5	3,000	3.8
Acenaphthylene	MG/KG	41	-	1.8	4,500	3.6
Anthracene	MG/KG	50	-	23	13,700	3.5
Benzo(a)anthracene	MG/KG	0.224 or MDL	-	22	2,000	40
Benzo(a)pyrene	MG/KG	0.061 or MDL	-	27	1,500	52
Benzo(b)fluoranthene	MG/KG	1.1	-	NA	NA	NA

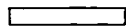
Criteria (1)- NYSDEC TAGM: Determination of Soil Cleanup Objectives and Cleanup Levels; HWR-94-4046 January 24, 1994 (Revised).

Criteria (2)- Eastern USA Background Concentrations from NYSDEC TAGM: HWR-94-4046 January 24, 1994 (Revised)

Flags assigned during chemistry validation are shown.



Concentration Exceeds Criteria (1)



Concentration Exceeds Criteria (2)

J - The reported concentration is an estimated value.

D - Result reported from a secondary dilution analysis.

U - Not detected above the reported quantitation limit.

NA - Not Analyzed

Only Detected Results Reported

Detection Limits shown are PQL

Advanced Selection: Table 1-1
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Printed: 7/17/2008 1:27:31 PM

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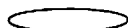
TABLE 1-1
SUMMARY OF DETECTED HISTORICAL SOIL ANALYTICAL RESULTS
NYSEG - FORMER TRANSIT STREET MGP SITE
LOCKPORT, NEW YORK

Location ID				TT-02	TT-02	TT-05
Sample ID				TT-2/S-1	TT-2/S-2	TT-5/S-3
Matrix				Soil	Soil	Soil
Depth Interval (ft)				1.0-2.0	5.0-5.0	4.0-5.0
Date Sampled				10/20/83	10/20/83	10/21/83
Parameter	Units	Criteria (1)	Criteria (2)			
Semivolatile Organic Compounds						
Benzo(g,h,i)perylene	MG/KG	50	-	10	300	15
Benzo(k)fluoranthene	MG/KG	1.1	-	24	1,600	44
bis(2-Ethylhexyl)phthalate	MG/KG	50	-	NA	NA	NA
Chrysene	MG/KG	0.4	-	16	1,300	33
Dibenz(a,h)anthracene	MG/KG	0.014 or MDL	-	NA	NA	NA
Dibenzofuran	MG/KG	6.2	-	NA	NA	NA
Di-n-butylphthalate	MG/KG	8.1	-	NA	NA	NA
Fluoranthene	MG/KG	50	-	25	5,300	118
Fluorene	MG/KG	50	-	3.4	4,500	4.5
Indeno(1,2,3-cd)pyrene	MG/KG	3.2	-	26	490	24
Naphthalene	MG/KG	13	-	4.1	29,000	3.8
Phenanthrene	MG/KG	50	-	NA	NA	NA
Pyrene	MG/KG	50	-	24	4,500	948
Total Carcinogenic PAHs	MG/KG	-	-	115	6,890	193
Total Non-Carcinogenic PAHs	MG/KG	-	-	93.8	64,800	1,100.2
Total Polycyclic Aromatic Hydrocarbons	MG/KG	-	-	208.8	71,690	1,293.2
Total Semivolatile Organic Compounds	MG/KG	500	-	208.8	71,690	1,293.2
Polychlorinated Biphenyls						
Aroclor 1254	MG/KG	10	-	0.29	0.2 U	5 U
Aroclor 1260	MG/KG	10	-	0.05 U	0.60	5 U

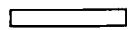
Criteria (1)- NYSDEC TAGM: Determination of Soil Cleanup Objectives and Cleanup Levels; HWR-94-4046 January 24, 1994 (Revised).

Criteria (2)- Eastern USA Background Concentrations from NYSDEC TAGM. HWR-94-4046 January 24, 1994 (Revised).

Flags assigned during chemistry validation are shown.



Concentration Exceeds Criteria (1)



Concentration Exceeds Criteria (2)

J - The reported concentration is an estimated value.

D - Result reported from a secondary dilution analysis.

U - Not detected above the reported quantitation limit.

NA - Not Analyzed

Only Detected Results Reported.

Detection Limits shown are PQL

Advanced Selection Transmittance

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Printed: 1/31/2006 1:27:51 PM

[SITE] = 02 - 01 - AND [MATRIX] = 'SO' AND [LOGDATE] = 4/21/2005

TABLE 1-1
SUMMARY OF DETECTED HISTORICAL SOIL ANALYTICAL RESULTS
NYSEG - FORMER TRANSIT STREET MGP SITE
LOCKPORT, NEW YORK

Location ID				TT-02	TT-02	TT-05
Sample ID				TT-2/S-1	TT-2/S-2	TT-5/S-3
Matrix				Soil	Soil	Soil
Depth Interval (ft)				1.0-2.0	5.0-5.0	4.0-5.0
Date Sampled				10/20/83	10/20/83	10/21/83
Parameter	Units	Criteria (1)	Criteria (2)			
Polychlorinated Biphenyls						
Total Polychlorinated Biphenyls	MG/KG	10	-	0.29	0.6	ND
Metals						
Aluminum	MG/KG	SB	33000	NA	NA	NA
Antimony	MG/KG	SB	-	NA	NA	NA
Arsenic	MG/KG	7.5	3-12	NA	NA	NA
Barium	MG/KG	300	15-600	NA	NA	NA
Beryllium	MG/KG	0.16	0-1.75	NA	NA	NA
Cadmium	MG/KG	1	0.1-1	NA	NA	NA
Calcium	MG/KG	SB	130-35000	NA	NA	NA
Chromium	MG/KG	10	1.5-40	NA	NA	NA
Cobalt	MG/KG	30	2.5-60	NA	NA	NA
Copper	MG/KG	25	1-50	NA	NA	NA
Iron	MG/KG	2000	2000-550000	NA	NA	NA
Lead	MG/KG	SB	500	NA	NA	NA
Magnesium	MG/KG	SB	100-5000	NA	NA	NA
Manganese	MG/KG	SB	50-5000	NA	NA	NA
Mercury	MG/KG	0.1	0.001-0.2	NA	NA	NA
Nickel	MG/KG	13	0.5-25	NA	NA	NA
Potassium	MG/KG	SB	8500-43000	NA	NA	NA
Selenium	MG/KG	2	0.1-3.9	NA	NA	NA

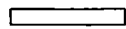
Criteria (1)- NYSDEC TAGM: Determination of Soil Cleanup Objectives and Cleanup Levels; HWR-94-4046 January 24, 1994 (Revised)

Criteria (2)- Eastern USA Background Concentrations from NYSDEC TAGM: HWR-94-4046 January 24, 1994 (Revised)

Flags assigned during chemistry validation are shown.



Concentration Exceeds Criteria (1)



Concentration Exceeds Criteria (2)

J - The reported concentration is an estimated value.

D - Result reported from a secondary dilution analysis.

U - Not detected above the reported quantitation limit.

NA - Not Analyzed

Only Detected Results Reported.

Detection Limits shown are PQL

Advanced Selection Transfer Table 1
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 Exported: 7/31/2006 1:57:52 PM
 [SITEID] = '01' AND [MATRIX] = 'SO' AND [LOGDATE] <= 7/21/2005

TABLE 1-1
SUMMARY OF DETECTED HISTORICAL SOIL ANALYTICAL RESULTS
NYSEG - FORMER TRANSIT STREET MGP SITE
LOCKPORT, NEW YORK

Location ID				TT-02	TT-02	TT-05
Sample ID				TT-2/S-1	TT-2/S-2	TT-5/S-3
Matrix				Soil	Soil	Soil
Depth Interval (ft)				1.0-2.0	5.0-5.0	4.0-5.0
Date Sampled				10/20/83	10/20/83	10/21/83
Parameter	Units	Criteria (1)	Criteria (2)			
Metals						
Silver	MG/KG	SB	-	NA	NA	NA
Sodium	MG/KG	SB	6000-8000	NA	NA	NA
Thallium	MG/KG	SB	-	NA	NA	NA
Vanadium	MG/KG	150	1-300	NA	NA	NA
Zinc	MG/KG	20	9-50	NA	NA	NA
Miscellaneous Parameters						
Total Cyanide	MG/KG	-	-	NA	NA	NA
Cyanide, Amenable To Chlorination	MG/KG	-	-	NA	NA	NA
Phenolics, Total Recoverable	MG/KG	-	-	0.73	2,440	3.69
Sulfide	MG/KG	-	-	NA	NA	NA

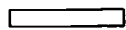
Criteria (1)- NYSDC TAGM: Determination of Soil Cleanup Objectives and Cleanup Levels; HWR-94-4046 January 24, 1994 (Revised)

Criteria (2)- Eastern USA Background Concentrations from NYSDC TAGM: HWR-94-4046 January 24, 1994 (Revised)

Flags assigned during chemistry validation are shown:



Concentration Exceeds Criteria (1)



Concentration Exceeds Criteria (2)

J - The reported concentration is an estimated value

D - Result reported from a secondary dilution analysis

U - Not detected above the reported quantitation limit

NA - Not Analyzed

Only Detected Results Reported.

Detection Limits shown are PQL

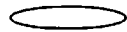
Advanced Selection: Transac Table 1:
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 Printed: 7/31/2006 1:57:52 PM
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TABLE 1-2
STATISTICAL SUMMARY OF DETECTED HISTORICAL SUBSURFACE SOIL ANALYTICAL RESULTS
NYSEG - FORMER TRANSIT STREET MGP SITE

Parameter	Units	Criteria (1)	Criteria (2)	No. of Samples	No. of Detections	Range of Detections					Dist	No. of Exceed.		Max Value	
						Min	Max	Avg	StdDev	UCL95		Crit. (1)	Crit. (2)	Location	Depth
Volatile Organic Compounds															
1,1,1-Trichloroethane	MG/KG	0.8	-	18	6	0.002	0.240	0.077	0.108	0.163	Non-Normal	0	0	SB-37	9-11
1,1-Dichloroethane	MG/KG	0.2	-	18	3	0.010	0.018	0.015	0.005	0.021	Non-Normal	0	0	SB-30	4-6
Acetone	MG/KG	0.2	-	27	5	0.011	0.140	0.066	0.047	0.108	Non-Normal	0	0	SB-37	9-11
Benzene	MG/KG	0.06	-	33	12	0.003	128.0	12.48	36.62	33.20	Non-Normal	7	0	TT-02	5-5
Ethylbenzene	MG/KG	5.5	-	33	15	0.006	53.10	7.14	15.45	14.96	Non-Normal	3	0	AB-04	1.5-4
Methylene chloride	MG/KG	0.1	-	28	7	0.008	0.230	0.067	0.080	0.126	Non-Normal	2	0	SB-38	5-7
n-Propylbenzene	MG/KG	-	-	6	5	0.003	4.90	2.36	2.43	4.49	Normal	0	0	TT-02	5-5
Styrene	MG/KG	-	-	33	7	0.022	104.0	17.88	38.33	46.27	Non-Normal	0	0	TT-02	5-5
Toluene	MG/KG	1.5	-	33	15	0.002	155.0	12.55	39.96	32.78	Non-Normal	4	0	TT-02	5-5
Xylene (total)	MG/KG	1.2	-	33	15	0.014	150.9	18.60	41.43	39.56	Non-Normal	7	0	TT-02	5-5
Semivolatile Organic Compounds															
2-Methylnaphthalene	MG/KG	36.4	-	27	16	0.077	1.100	136.6	357.2	311.6	Non-Normal	3	0	SB-24	0-1
Acenaphthene	MG/KG	50	-	33	22	0.051	3.000	190.3	652.5	463.0	Non-Normal	3	0	TT-02	5-5
Acenaphthylene	MG/KG	41	-	33	24	0.056	4.500	236.9	928.8	608.5	Non-Normal	3	0	TT-02	5-5
Anthracene	MG/KG	50	-	33	26	0.080	1.37E+04	735.5	2,794	1,809	Non-Normal	4	0	TT-02	5-5

Criteria (1)- NYSDEC TAGM, Determination of Soil Cleanup Objectives and Cleanup Levels, HWR-94-4046 January 24, 1994 (Revised).

Criteria (2)- Eastern USA Background Concentrations from NYSDEC TAGM, HWR-94-4046 January 24, 1994 (Revised).



Concentration Exceeds Criteria (1)



Concentration Exceeds Criteria (2)

Only Detected Results Reported.

Advanced Selection Transf. Table:
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 8/1/2008

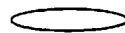
WHERE SITEID = 01 AND (MATRIX = 307 AND (LOGDATE) = #2/17/2009)

TABLE 1-2
STATISTICAL SUMMARY OF DETECTED HISTORICAL SUBSURFACE SOIL ANALYTICAL RESULTS
NYSEG - FORMER TRANSIT STREET MGP SITE

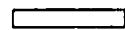
Parameter	Units	Criteria (1)	Criteria (2)	No. of Samples	No. of Detections	Range of Detections					Dist	No. of Exceed.		Max Value	
						Min	Max	Avg	StdDev	UCL95		Crit. (1)	Crit. (2)	Location	Depth
Semivolatile Organic Compounds															
Benzo(a)anthracene	MG/KG	0.224 or MDL	-	33	26	0.062	2.000	113.5	394.6	265.2	Non-Normal	24	0	TT-02	5-5
Benzo(a)pyrene	MG/KG	0.061 or MDL	-	33	25	0.380	1,500	87.13	303.4	206.1	Non-Normal	25	0	TT-02	5-5
Benzo(b)fluoranthene	MG/KG	1.1	-	27	19	0.280	92.00	11.36	24.28	22.28	Non-Normal	12	0	SB-01	2-4
Benzo(g,h,i)perylene	MG/KG	50	-	33	24	0.260	300.0	22.17	61.94	46.95	Non-Normal	3	0	TT-02	5-5
Benzo(k)fluoranthene	MG/KG	1.1	-	33	25	0.320	1,600	83.78	319.0	208.8	Non-Normal	18	0	TT-02	5-5
bis(2-Ethylhexyl)phthalate	MG/KG	50	-	28	1	0.280	0.280	0.280	-	-	Non-Normal	0	0	SB-18	2-4
Chrysene	MG/KG	0.4	-	33	26	0.054	1,300	77.06	258.9	176.6	Non-Normal	24	0	TT-02	5-5
Dibenz(a,h)anthracene	MG/KG	0.014 or MDL	-	28	18	0.110	30.00	3.36	7.41	6.78	Non-Normal	18	0	SB-01	2-4
Dibenzofuran	MG/KG	6.2	-	27	14	0.078	88.00	10.31	25.20	23.52	Non-Normal	3	0	SB-24	0-1
Di-n-butylphthalate	MG/KG	8.1	-	18	10	0.580	0.960	0.802	0.125	0.879	Non-Normal	0	0	SB-30	4-6
Fluoranthene	MG/KG	50	-	33	27	0.200	5,300	265.2	1,023	651.1	Non-Normal	5	0	TT-02	5-5
Fluorene	MG/KG	50	-	33	23	0.092	4,500	306.0	977.0	705.3	Non-Normal	4	0	TT-02	5-5
Indeno(1,2,3-cd)pyrene	MG/KG	3.2	-	33	24	0.240	490.0	30.98	99.79	70.91	Non-Normal	10	0	TT-02	5-5
Naphthalene	MG/KG	13	-	33	27	0.092	2.90E+04	1,209	5,568	3,359	Non-Normal	10	0	TT-02	5-5
Phenanthrene	MG/KG	50	-	28	23	0.046	1,600	98.45	340.7	237.7	Non-Normal	2	0	SB-01	2-4

Criteria (1): NYSDEC TAGM Determination of Soil Cleanup Objectives and Cleanup Levels, HWR-94-4046 January 24, 1994 (Revised)

Criteria (2): Eastern USA Background Concentrations from NYSDEC TAGM HWR-94-4046 January 24, 1994 (Revised)



Concentration Exceeds Criteria (1)



Concentration Exceeds Criteria (2)

Only Detected Results Reported.

Advanced Selection Transl Table1-
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 8/1/2006

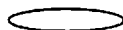
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TABLE 1-2
STATISTICAL SUMMARY OF DETECTED HISTORICAL SUBSURFACE SOIL ANALYTICAL RESULTS
NYSEG - FORMER TRANSIT STREET MGP SITE

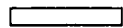
Parameter	Units	Criteria (1)	Criteria (2)	No. of Samples	No. of Detections	Range of Detections					Dist	No. of Exceed.		Max Value	
						Min	Max	Avg	StdDev	UCL95		Crit. (1)	Crit. (2)	Location	Depth
Semivolatile Organic Compounds															
Pyrene	MG/KG	50	-	33	27	0.140	4.500	280.6	891.0	616.7	Non-Normal	5	0	TT-02	5-5
Polychlorinated Biphenyls															
Aroclor 1254	MG/KG	10	-	6	1	0.290	0.290	0.290	-	-	Non-Normal	0	0	TT-02	1-2
Aroclor 1260	MG/KG	10	-	6	2	0.170	0.600	0.385	0.304	0.806	Non-Normal	0	0	TT-02	5-5
Metals															
Aluminum	MG/KG	SB	33000	27	26	1,430	1.19E+04	5,543	2,233	6,401	Non-Normal	0	0	SMW-06D	6-8
Antimony	MG/KG	SB	-	27	2	2.90	26.00	14.45	16.33	37.09	Non-Normal	0	0	MW-03	8-10
Arsenic	MG/KG	7.5	3-12	11	11	1.40	12.00	4.32	3.00	6.09	Non-Normal	1	1	MW-03	8-10
Barium	MG/KG	300	15-600	10	10	42.00	477.0	137.5	128.7	217.3	Non-Normal	1	0	SMW-06D	6-8
Beryllium	MG/KG	0.16	0-1.75	11	11	0.400	0.990	0.682	0.137	0.763	Normal	11	0	SMW-06D	6-8
Cadmium	MG/KG	1	0.1-1	28	14	0.200	4.40	0.905	1.08	1.47	Non-Normal	2	2	SB-21	1-3
Calcium	MG/KG	SB	130-3500	10	10	2.58E+04	2.06E+05	6.83E+04	5.39E+04	1.02E+05	Non-Normal	0	9	SMW-06D	6-8
Chromium	MG/KG	10	1.5-40	28	26	4.70	24.80	10.00	4.09	11.57	Non-Normal	9	0	SB-24	0-1
Cobalt	MG/KG	30	2.5-60	27	27	2.50	8.00	4.78	1.29	5.26	Normal	0	0	SB-24	0-1
Copper	MG/KG	25	1-50	28	24	9.10	461.0	47.04	91.78	83.76	Non-Normal	11	2	SB-21	1-3

Criteria (1)- NYSDEC TAGM: Determination of Soil Cleanup Objectives and Cleanup Levels; HWR-94-4046 January 24, 1994 (Revised)

Criteria (2)- Eastern USA Background Concentrations from NYSDEC TAGM: HWR-94-4046 January 24, 1994 (Revised)



Concentration Exceeds Criteria (1)



Concentration Exceeds Criteria (2)

Only Detected Results Reported.

Advanced : \\sac\env\Transit_T\stat1-
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 8/1/2008

WHERE [SITEID] = '01' AND [MATRIX] = 'SO' AND [LOCATION] = '42117/00054'

Criteria (2)- Eastern USA Background Concentrations from NYSDEC TAGM: HWR-94-4046 January 24, 1994 (Revised).

 Concentration Exceeds Criteria (1)

 Concentration Exceeds Criteria (2)

Advanced Detection Trained Analyst
 111173467 00000.D8\Program\Suite1.md
 8/1/2008
 WHERE [SITEID] = '01' AND [MATRIX] = 'SO' AND [LOGDATE] = #2/17/2005#

TABLE 1-2
STATISTICAL SUMMARY OF DETECTED HISTORICAL SUBSURFACE SOIL ANALYTICAL RESULTS
NYSEG - FORMER TRANSIT STREET MGP SITE

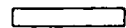
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						Min	Max	Avg	StdDev	UCL95		Crit. (1)	Crit. (2)	Location	Depth
Miscellaneous Parameters															
Cyanide, Amenable To Chlorination	MG/KG	-	-	7	1	11.90	11.90	11.90	-	-	Non-Normal	0	0	SB-21	1-3
Phenolics, Total Recoverable	MG/KG	-	-	6	6	0.420	2,440	409.1	995.0	1,205	Non-Normal	0	0	TT-02	5-5
Sulfide	MG/KG	-	-	17	8	7.00	761.0	330.2	325.3	555.6	Non-Normal	0	0	SB-24	0-1

Criteria (1): NYSDEC TAGM: Determination of Soil Cleanup Objectives and Cleanup Levels; HWR-94-4046 January 24, 1994 (Revised).

Criteria (2): Eastern USA Background Concentrations from NYSDEC TAGM: HWR-94-4046 January 24, 1994 (Revised).



Concentration Exceeds Criteria (1)



Concentration Exceeds Criteria (2)

Only Detected Results Reported.

TABLE 1-3
SUMMARY OF DETECTED HISTORICAL GROUNDWATER ANALYTICAL RESULTS
NYSEG - FORMER TRANSIT STREET MGP SITE
LOCKPORT, NEW YORK

Location ID			IW-01	IW-01	IW-01	IW-01	IW-01
Sample ID			IW-01	IW-01	IW-01	IW-01	IW-01
Matrix			Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)			-	-	-	-	-
Date Sampled			11/28/83	03/13/84	05/16/84	09/18/84	10/09/84
Parameter	Units	Criteria*					
Volatile Organic Compounds							
1,1,1-Trichloroethane	UG/L	5	NA	NA	NA	NA	NA
1,1-Dichloroethane	UG/L	5	NA	NA	NA	NA	NA
1,4-Dichlorobenzene	UG/L	3	10 U	NA	5 U	5 U	10 U
Acetone	UG/L	50	NA	NA	NA	NA	NA
Benzene	UG/L	1	1 U	NA	1 U	1 U	1 U
Carbon disulfide	UG/L	60	NA	NA	NA	NA	NA
Chloroethane	UG/L	5	NA	NA	NA	NA	NA
Ethylbenzene	UG/L	5	4	NA	1 U	1 U	1 U
Methyl tert-butyl ether	UG/L	10	NA	NA	NA	NA	NA
n-Propylbenzene	UG/L	-	2	NA	1 U	1 U	1 U
Styrene	UG/L	5	1 U	NA	1 U	1 U	1 U
Toluene	UG/L	5	5	NA	1 U	1 U	1 U
Xylene (total)	UG/L	5	23	NA	1 U	1 U	1 U
Total BTEX	UG/L	-	32	NA	ND	ND	ND
Total Volatile Organic Compounds	UG/L	-	34	NA	ND	ND	ND
Semivolatile Organic Compounds							
2,4-Dimethylphenol	UG/L	50	NA	NA	NA	NA	NA
2-Methylnaphthalene	UG/L	50	NA	NA	NA	NA	NA
2-Methylphenol (o-cresol)	UG/L	1	NA	NA	NA	NA	NA
3,4-Benzofluoranthene	UG/L	-	NA	NA	NA	NA	NA
4-Methylphenol (p-cresol)	UG/L	1	NA	NA	NA	NA	NA
Acenaphthene	UG/L	20	50 U	210	50 U	50 U	150

*Criteria- NYSDEC TOGS (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations, April 2000, Class GA.

Flags assigned during chemistry validation are shown.

 Concentration Exceeds Criteria

R - The data is rejected. J - The reported concentration is an estimated value.

D - Result reported from a secondary dilution analysis.

U - Not detected above the reported quantitation limit.

NA - Not Analyzed

Only Detected Results Reported.

Detection Limits shown are PQL

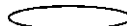
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TABLE 1-3
SUMMARY OF DETECTED HISTORICAL GROUNDWATER ANALYTICAL RESULTS
NYSEG - FORMER TRANSIT STREET MGP SITE
LOCKPORT, NEW YORK

Location ID			IW-01	IW-01	IW-01	IW-01	IW-01
Sample ID			IW-01	IW-01	IW-01	IW-01	IW-01
Matrix			Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)			-	-	-	-	-
Date Sampled			11/28/83	03/13/84	05/16/84	09/18/84	10/09/84
Parameter	Units	Criteria*					
Semivolatile Organic Compounds							
Acenaphthylene	UG/L	50	50 U	10 U	50 U	50 U	100 U
Anthracene	UG/L	50	50 U	330	50 U	50 U	860
Benzo(a)anthracene	UG/L	0.002	50 U	510	50 U	67	3,500
Benzo(a)pyrene	UG/L	ND	50 U	10 U	50 U	50 U	100 U
Benzo(g,h,i)perylene	UG/L	50	50 U	10 U	50 U	50 U	100 U
Benzo(k)fluoranthene	UG/L	0.002	50 U	600	50 U	50 U	3,800
bis(2-Ethylhexyl)phthalate	UG/L	5	NA	NA	NA	NA	NA
Chrysene	UG/L	0.002	50 U	50 U	50 U	280	5,200
Dibenzofuran	UG/L	50	NA	NA	NA	NA	NA
Fluoranthene	UG/L	50	50 U	450	50 U	50 U	2,700
Fluorene	UG/L	50	50 U	150	50 U	50 U	290
Indeno(1,2,3-cd)pyrene	UG/L	0.002	50 U	10 U	50 U	50 U	100 U
Naphthalene	UG/L	10	50 U	37	50 U	50 U	100 U
Phenanthrene	UG/L	50	NA	NA	NA	NA	NA
Phenol	UG/L	1	NA	NA	NA	NA	NA
Pyrene	UG/L	50	50 U	700	50 U	50 U	2,800
Total Carcinogenic PAHs	UG/L	-	ND	1,110	ND	347	12,500
Total Non-Carcinogenic PAHs	UG/L	-	ND	1,877	ND	ND	6,800
Total Polycyclic Aromatic Hydrocarbons	UG/L	-	ND	2,987	ND	347	19,300
Total Semivolatile Organic Compounds	UG/L	-	ND	2,987	ND	347	19,300
Metals							
Aluminum	UG/L	-	NA	NA	NA	NA	NA

*Criteria- NYSDEC TOGS (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations. April 2000, Class GA.

Flags assigned during chemistry validation are shown.

 Concentration Exceeds Criteria

R - The data is rejected. J - The reported concentration is an estimated value.

D - Result reported from a secondary dilution analysis.

U - Not detected above the reported quantitation limit.

NA - Not Analyzed

Only Detected Results Reported.

Detection Limits shown are PQL

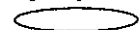
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TABLE 1-3
SUMMARY OF DETECTED HISTORICAL GROUNDWATER ANALYTICAL RESULTS
NYSEG - FORMER TRANSIT STREET MGP SITE
LOCKPORT, NEW YORK

Location ID			IW-01	IW-01	IW-01	IW-01	IW-01
Sample ID			IW-01	IW-01	IW-01	IW-01	IW-01
Matrix			Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)			-	-	-	-	-
Date Sampled			11/28/83	03/13/84	05/16/84	09/18/84	10/09/84
Parameter	Units	Criteria*					
Metals							
Antimony	UG/L	3	NA	NA	NA	NA	NA
Cadmium	UG/L	5	NA	NA	NA	NA	NA
Chromium	UG/L	50	NA	NA	NA	NA	NA
Cobalt	UG/L	-	NA	NA	NA	NA	NA
Copper	UG/L	200	NA	NA	NA	NA	NA
Iron	UG/L	300	NA	NA	NA	NA	NA
Lead	UG/L	25	NA	NA	NA	NA	NA
Manganese	UG/L	300	NA	NA	NA	NA	NA
Nickel	UG/L	100	NA	NA	NA	NA	NA
Zinc	UG/L	2000	NA	NA	NA	NA	NA
Filtered Metals							
Iron	UG/L	300	NA	NA	NA	NA	NA
Lead	UG/L	25	NA	NA	NA	NA	NA
Manganese	UG/L	300	NA	NA	NA	NA	NA
Nickel	UG/L	100	NA	NA	NA	NA	NA
Miscellaneous Parameters							
Total Cyanide	UG/L	200	NA	NA	NA	NA	NA
Cyanide, Amenable To Chlorination	UG/L	-	NA	NA	NA	NA	NA
Phenolics, Total Recoverable	MG/L	0.001	0.017	0.145	0.017	0.013	0.013
Sulfide	MG/L	0.05	NA	NA	NA	NA	NA

*Criteria- NYSDEC TOGS (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations, April 2000, Class GA.

Flags assigned during chemistry validation are shown.



Concentration Exceeds Criteria

R - The data is rejected. J - The reported concentration is an estimated value.

D - Result reported from a secondary dilution analysis.

U - Not detected above the reported quantitation limit.

NA - Not Analyzed

Only Detected Results Reported.

Detection Limits shown are PQL

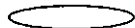
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TABLE 1-3
SUMMARY OF DETECTED HISTORICAL GROUNDWATER ANALYTICAL RESULTS
NYSEG - FORMER TRANSIT STREET MGP SITE
LOCKPORT, NEW YORK

Location ID			IW-02	IW-02	IW-02	IW-02	IW-02
Sample ID			IW-02	IW-02	IW-02	IW-02	IW-02
Matrix			Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)			-	-	-	-	-
Date Sampled			02/02/83	11/28/83	03/12/84	05/15/84	09/18/84
Parameter	Units	Criteria*					
Volatile Organic Compounds							
1,1,1-Trichloroethane	UG/L	5	NA	NA	NA	NA	NA
1,1-Dichloroethane	UG/L	5	NA	NA	NA	NA	NA
1,4-Dichlorobenzene	UG/L	3	NA	2 U	NA	5 U	5 U
Acetone	UG/L	50	NA	NA	NA	NA	NA
Benzene	UG/L	1	14	1 U	NA	1 U	1 U
Carbon disulfide	UG/L	60	NA	NA	NA	NA	NA
Chloroethane	UG/L	5	NA	NA	NA	NA	NA
Ethylbenzene	UG/L	5	2 U	1 U	NA	1 U	1 U
Methyl tert-butyl ether	UG/L	10	NA	NA	NA	NA	NA
n-Propylbenzene	UG/L	-	2 U	1 U	NA	1 U	1 U
Styrene	UG/L	5	2 U	1 U	NA	1 U	1 U
Toluene	UG/L	5	3.0	1	NA	1 U	1 U
Xylenes (total)	UG/L	5	2	1	NA	1 U	1 U
Total BTEX	UG/L	-	19	2	NA	ND	ND
Total Volatile Organic Compounds	UG/L	-	19	2	NA	ND	ND
Semivolatile Organic Compounds							
2,4-Dimethylphenol	UG/L	50	20 U	NA	NA	NA	NA
2-Methylnaphthalene	UG/L	50	NA	NA	NA	NA	NA
2-Methylphenol (o-cresol)	UG/L	1	NA	NA	NA	NA	NA
3,4-Benzofluoranthene	UG/L	-	10 U	NA	NA	NA	NA
4-Methylphenol (p-cresol)	UG/L	1	NA	NA	NA	NA	NA
Acenaphthene	UG/L	20	10 U	8	4 U	10 U	10 U

*Criteria- NYSDEC TOGS (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations. April 2000, Class GA.

Flags assigned during chemistry validation are shown.



Concentration Exceeds Criteria

R - The data is rejected. J - The reported concentration is an estimated value.

D - Result reported from a secondary dilution analysis.

U - Not detected above the reported quantitation limit.

NA - Not Analyzed

Only Detected Results Reported.

Detection Limits shown are PQL

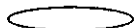
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TABLE 1-3
SUMMARY OF DETECTED HISTORICAL GROUNDWATER ANALYTICAL RESULTS
NYSEG - FORMER TRANSIT STREET MGP SITE
LOCKPORT, NEW YORK

Location ID			IW-02	IW-02	IW-02	IW-02	IW-02
Sample ID			IW-02	IW-02	IW-02	IW-02	IW-02
Matrix			Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)			-	-	-	-	-
Date Sampled			02/02/83	11/28/83	03/12/84	05/15/84	09/18/84
Parameter	Units	Criteria*					
Semivolatile Organic Compounds							
Acenaphthylene	UG/L	50	10 U	4 U	9.9	10 U	10 U
Anthracene	UG/L	50	10 U	7	7.8	10 U	10 U
Benzo(a)anthracene	UG/L	0.002	10 U	4 U	17	10 U	19
Benzo(a)pyrene	UG/L	ND	10 U	4 U	4 U	10 U	10 U
Benzo(g,h,i)perylene	UG/L	50	25 U	4 U	4 U	10 U	10 U
Benzo(k)fluoranthene	UG/L	0.002	10 U	4	4 U	10 U	13
bis(2-Ethylhexyl)phthalate	UG/L	5	10 U	NA	NA	NA	NA
Chrysene	UG/L	0.002	10 U	16	4 U	10 U	150
Dibenzofuran	UG/L	50	NA	NA	NA	NA	NA
Fluoranthene	UG/L	50	10 U	16	4 U	10 U	10 U
Fluorene	UG/L	50	10 U	7	6.2	10 U	11
Indeno(1,2,3-cd)pyrene	UG/L	0.002	25 U	4 U	4 U	10 U	14
Naphthalene	UG/L	10	10 U	2	25	10 U	10 U
Phenanthrene	UG/L	50	10 U	NA	NA	NA	NA
Phenol	UG/L	1	20 U	NA	NA	NA	NA
Pyrene	UG/L	50	10 U	19	4.5	10 U	10 U
Total Carcinogenic PAHs	UG/L	-	ND	20	17	ND	196
Total Non-Carcinogenic PAHs	UG/L	-	ND	59	53.4	ND	11
Total Polycyclic Aromatic Hydrocarbons	UG/L	-	ND	79	70.4	ND	207
Total Semivolatile Organic Compounds	UG/L	-	ND	79	70.4	ND	207
Metals							
Aluminum	UG/L	-	NA	NA	NA	NA	NA

*Criteria- NYSDEC TOGS (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations, April 2000, Class GA.

Flags assigned during chemistry validation are shown.



Concentration Exceeds Criteria

R - The data is rejected. J - The reported concentration is an estimated value.

D - Result reported from a secondary dilution analysis.

U - Not detected above the reported quantitation limit.

NA - Not Analyzed

Only Detected Results Reported.

Detection Limits shown are PQL

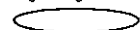
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TABLE 1-3
SUMMARY OF DETECTED HISTORICAL GROUNDWATER ANALYTICAL RESULTS
NYSEG - FORMER TRANSIT STREET MGP SITE
LOCKPORT, NEW YORK

Location ID			IW-02	IW-02	IW-02	IW-02	IW-02
Sample ID			IW-02	IW-02	IW-02	IW-02	IW-02
Matrix			Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)			-	-	-	-	-
Date Sampled			02/02/83	11/28/83	03/12/84	05/15/84	09/18/84
Parameter	Units	Criteria*					
Metals							
Antimony	UG/L	3	NA	NA	NA	NA	NA
Cadmium	UG/L	5	NA	NA	NA	NA	NA
Chromium	UG/L	50	NA	NA	NA	NA	NA
Cobalt	UG/L	-	NA	NA	NA	NA	NA
Copper	UG/L	200	NA	NA	NA	NA	NA
Iron	UG/L	300	NA	NA	NA	NA	NA
Lead	UG/L	25	NA	NA	NA	NA	NA
Manganese	UG/L	300	NA	NA	NA	NA	NA
Nickel	UG/L	100	NA	NA	NA	NA	NA
Zinc	UG/L	2000	NA	NA	NA	NA	NA
Filtered Metals							
Iron	UG/L	300	NA	NA	NA	NA	NA
Lead	UG/L	25	NA	NA	NA	NA	NA
Manganese	UG/L	300	NA	NA	NA	NA	NA
Nickel	UG/L	100	NA	NA	NA	NA	NA
Miscellaneous Parameters							
Total Cyanide	UG/L	200	NA	NA	NA	NA	NA
Cyanide, Amenable To Chlorination	UG/L	-	NA	NA	NA	NA	NA
Phenolics, Total Recoverable	MG/L	0.001	NA	0.02	0.01	0.005	0.006
Sulfide	MG/L	0.05	NA	NA	NA	NA	NA

*Criteria- NYSDC TOGS (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations. April 2000, Class GA.

Flags assigned during chemistry validation are shown.



Concentration Exceeds Criteria

R - The data is rejected. J - The reported concentration is an estimated value.

D - Result reported from a secondary dilution analysis.

U - Not detected above the reported quantitation limit.

NA - Not Analyzed

Only Detected Results Reported.

Detection Limits shown are PQL

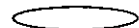
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TABLE 1-3
SUMMARY OF DETECTED HISTORICAL GROUNDWATER ANALYTICAL RESULTS
NYSEG - FORMER TRANSIT STREET MGP SITE
LOCKPORT, NEW YORK

Location ID			IW-02	MW-01	MW-01	MW-01	MW-01
Sample ID			IW-02	MW-01	MW-01	MW-01	MW-01
Matrix			Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)			-	-	-	-	-
Date Sampled			10/09/84	02/02/83	11/28/83	03/13/84	05/16/84
Parameter	Units	Criteria*					
Volatile Organic Compounds							
1,1,1-Trichloroethane	UG/L	5	NA	NA	NA	NA	NA
1,1-Dichloroethane	UG/L	5	NA	NA	NA	NA	NA
1,4-Dichlorobenzene	UG/L	3	10 U	NA	1,000 U	NA	100 U
Acetone	UG/L	50	NA	NA	NA	NA	NA
Benzene	UG/L	1	1 U	66	170	NA	410
Carbon disulfide	UG/L	60	NA	NA	NA	NA	NA
Chloroethane	UG/L	5	NA	NA	NA	NA	NA
Ethylbenzene	UG/L	5	1 U	33	260	NA	740
Methyl tert-butyl ether	UG/L	10	NA	NA	NA	NA	NA
n-Propylbenzene	UG/L	-	1 U	3.0	14	NA	30
Styrene	UG/L	5	1 U	4	5	NA	19
Toluene	UG/L	5	1.0	120	230	NA	810
Xylene (total)	UG/L	5	1 U	93	184	NA	400
Total BTEX	UG/L	-	1	312	844	NA	2,360
Total Volatile Organic Compounds	UG/L	-	1	319	863	NA	2,409
Semivolatile Organic Compounds							
2,4-Dimethylphenol	UG/L	50	NA	40 U	NA	NA	NA
2-Methylnaphthalene	UG/L	50	NA	NA	NA	NA	NA
2-Methylphenol (o-cresol)	UG/L	1	NA	NA	NA	NA	NA
3,4-Benzofluoranthene	UG/L	-	NA	10 U	NA	NA	NA
4-Methylphenol (p-cresol)	UG/L	1	NA	NA	NA	NA	NA
Acenaphthene	UG/L	20	5 U	10 U	140	380	580

*Criteria- NYSDEC TOGS (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations. April 2000, Class GA.

Flags assigned during chemistry validation are shown.



Concentration Exceeds Criteria

R - The data is rejected. J - The reported concentration is an estimated value.

D - Result reported from a secondary dilution analysis.

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NA - Not Analyzed

Only Detected Results Reported.

Detection Limits shown are PQL

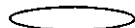
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TABLE 1-3
SUMMARY OF DETECTED HISTORICAL GROUNDWATER ANALYTICAL RESULTS
NYSEG - FORMER TRANSIT STREET MGP SITE
LOCKPORT, NEW YORK

Location ID			IW-02	MW-01	MW-01	MW-01	MW-01
Sample ID			IW-02	MW-01	MW-01	MW-01	MW-01
Matrix			Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)			-	-	-	-	-
Date Sampled			10/09/84	02/02/83	11/28/83	03/13/84	05/16/84
Parameter	Units	Criteria*					
Semivolatile Organic Compounds							
Acenaphthylene	UG/L	50	5 U	10 U	88	130	250
Anthracene	UG/L	50	5 U	10 U	200	420	540
Benzo(a)anthracene	UG/L	0.002	5 U	10 U	20 U	460	120
Benzo(a)pyrene	UG/L	ND	5 U	10 U	20 U	50 U	190
Benzo(g,h,i)perylene	UG/L	50	5 U	25 U	20 U	50 U	50 U
Benzo(k)fluoranthene	UG/L	0.002	5 U	10 U	20 U	50 U	170
bis(2-Ethylhexyl)phthalate	UG/L	5	NA	10 U	NA	NA	NA
Chrysene	UG/L	0.002	5 U	10 U	430	50 U	50 U
Dibenzofuran	UG/L	50	NA	NA	NA	NA	NA
Fluoranthene	UG/L	50	5 U	10 U	230	130	140
Fluorene	UG/L	50	5 U	10 U	95	350	570
Indeno(1,2,3-cd)pyrene	UG/L	0.002	5 U	25 U	20 U	50 U	50 U
Naphthalene	UG/L	10	5 U	250	3,000	1,060	1,200
Phenanthrene	UG/L	50	NA	10 U	NA	NA	NA
Phenol	UG/L	1	NA	40 U	NA	NA	NA
Pyrene	UG/L	50	5 U	10 U	330	180	170
Total Carcinogenic PAHs	UG/L	-	ND	ND	430	460	480
Total Non-Carcinogenic PAHs	UG/L	-	ND	250	4,083	2,650	3,450
Total Polycyclic Aromatic Hydrocarbons	UG/L	-	ND	250	4,513	3,110	3,930
Total Semivolatile Organic Compounds	UG/L	-	ND	250	4,513	3,110	3,930
Metals							
Aluminum	UG/L	-	NA	NA	NA	NA	NA

*Criteria- NYSDEC TOGS (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations. April 2000, Class GA.

Flags assigned during chemistry validation are shown.



Concentration Exceeds Criteria

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Only Detected Results Reported.

Detection Limits shown are PQL

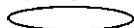
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TABLE 1-3
SUMMARY OF DETECTED HISTORICAL GROUNDWATER ANALYTICAL RESULTS
NYSEG - FORMER TRANSIT STREET MGP SITE
LOCKPORT, NEW YORK

Location ID			IW-02	MW-01	MW-01	MW-01	MW-01
Sample ID			IW-02	MW-01	MW-01	MW-01	MW-01
Matrix			Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)			-	-	-	-	-
Date Sampled			10/09/84	02/02/83	11/28/83	03/13/84	05/16/84
Parameter	Units	Criteria*					
Metals							
Antimony	UG/L	3	NA	NA	NA	NA	NA
Cadmium	UG/L	5	NA	NA	NA	NA	NA
Chromium	UG/L	50	NA	NA	NA	NA	NA
Cobalt	UG/L	-	NA	NA	NA	NA	NA
Copper	UG/L	200	NA	NA	NA	NA	NA
Iron	UG/L	300	NA	NA	NA	NA	NA
Lead	UG/L	25	NA	NA	NA	NA	NA
Manganese	UG/L	300	NA	NA	NA	NA	NA
Nickel	UG/L	100	NA	NA	NA	NA	NA
Zinc	UG/L	2000	NA	NA	NA	NA	NA
Filtered Metals							
Iron	UG/L	300	NA	NA	NA	NA	NA
Lead	UG/L	25	NA	NA	NA	NA	NA
Manganese	UG/L	300	NA	NA	NA	NA	NA
Nickel	UG/L	100	NA	NA	NA	NA	NA
Miscellaneous Parameters							
Total Cyanide	UG/L	200	NA	NA	NA	NA	NA
Cyanide, Amenable To Chlorination	UG/L	-	NA	NA	NA	NA	NA
Phenolics, Total Recoverable	MG/L	0.001	0.005 U	NA	0.085	0.014	0.026
Sulfide	MG/L	0.05	NA	NA	NA	NA	NA

*Criteria- NYSDEC TOGS (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations. April 2000, Class GA.

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Only Detected Results Reported.

Detection Limits shown are PQL

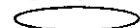
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TABLE 1-3
SUMMARY OF DETECTED HISTORICAL GROUNDWATER ANALYTICAL RESULTS
NYSEG - FORMER TRANSIT STREET MGP SITE
LOCKPORT, NEW YORK

Location ID			MW-01	MW-01	MW-02	MW-02	MW-02
Sample ID			MW-01	MW-01	MW-02	MW-02	MW-02
Matrix			Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)			-	-	-	-	-
Date Sampled			09/17/84	10/09/84	02/02/83	11/28/83	03/12/84
Parameter	Units	Criteria*					
Volatile Organic Compounds							
1,1,1-Trichloroethane	UG/L	5	NA	NA	NA	NA	NA
1,1-Dichloroethane	UG/L	5	NA	NA	NA	NA	NA
1,4-Dichlorobenzene	UG/L	3	100 U	10 U	NA	83	NA
Acetone	UG/L	50	NA	NA	NA	NA	NA
Benzene	UG/L	1	560	6.5	2 U	520	NA
Carbon disulfide	UG/L	60	NA	NA	NA	NA	NA
Chloroethane	UG/L	5	NA	NA	NA	NA	NA
Ethylbenzene	UG/L	5	150	1 U	2 U	190	NA
Methyl tert-butyl ether	UG/L	10	NA	NA	NA	NA	NA
n-Propylbenzene	UG/L	-	13	1 U	2 U	1 U	NA
Styrene	UG/L	5	10 U	1 U	2 U	280	NA
Toluene	UG/L	5	510	1 U	2 U	220	NA
Xylene (total)	UG/L	5	280	1 U	2 U	340	NA
Total BTEX	UG/L	-	1,500	6.5	ND	1,270	NA
Total Volatile Organic Compounds	UG/L	-	1,513	6.5	ND	1,633	NA
Semivolatile Organic Compounds							
2,4-Dimethylphenol	UG/L	50	NA	NA	30 U	NA	NA
2-Methylnaphthalene	UG/L	50	NA	NA	NA	NA	NA
2-Methylphenol (o-cresol)	UG/L	1	NA	NA	NA	NA	NA
3,4-Benzofluoranthene	UG/L	-	NA	NA	NA	NA	NA
4-Methylphenol (p-cresol)	UG/L	1	NA	NA	NA	NA	NA
Acenaphthene	UG/L	20	750	29	NA	17	110

*Criteria- NYSDC TOGS (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations. April 2000, Class GA.

Flags assigned during chemistry validation are shown.



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Only Detected Results Reported.

Detection Limits shown are PQL

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TABLE 1-3
SUMMARY OF DETECTED HISTORICAL GROUNDWATER ANALYTICAL RESULTS
NYSEG - FORMER TRANSIT STREET MGP SITE
LOCKPORT, NEW YORK

Location ID			MW-01	MW-01	MW-02	MW-02	MW-02
Sample ID			MW-01	MW-01	MW-02	MW-02	MW-02
Matrix			Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)			-	-	-	-	-
Date Sampled			09/17/84	10/09/84	02/02/83	11/28/83	03/12/84
Parameter	Units	Criteria*					
Semivolatile Organic Compounds							
Acenaphthylene	UG/L	50	160	39	NA	13	20 U
Anthracene	UG/L	50	1,300	8	NA	54	280
Benzo(a)anthracene	UG/L	0.002	180	98	NA	12	170
Benzo(a)pyrene	UG/L	ND	180	68	NA	14	200
Benzo(g,h,i)perylene	UG/L	50	100 U	19	NA	4 U	20 U
Benzo(k)fluoranthene	UG/L	0.002	150	43	NA	8	160
bis(2-Ethylhexyl)phthalate	UG/L	5	NA	NA	NA	NA	NA
Chrysene	UG/L	0.002	170	50	NA	11	350
Dibenzofuran	UG/L	50	NA	NA	NA	NA	NA
Fluoranthene	UG/L	50	330	160	NA	32	260
Fluorene	UG/L	50	480	72	NA	22	130
Indeno(1,2,3-cd)pyrene	UG/L	0.002	160	26	NA	4 U	20 U
Naphthalene	UG/L	10	3,700	5 U	NA	11	190
Phenanthrene	UG/L	50	NA	NA	NA	NA	NA
Phenol	UG/L	1	NA	NA	30 U	NA	NA
Pyrene	UG/L	50	420	80	NA	26	310
Total Carcinogenic PAHs	UG/L	-	840	285	NA	45	880
Total Non-Carcinogenic PAHs	UG/L	-	7,140	407	NA	175	1,280
Total Polycyclic Aromatic Hydrocarbons	UG/L	-	7,980	692	NA	220	2,160
Total Semivolatile Organic Compounds	UG/L	-	7,980	692	ND	220	2,160
Metals							
Aluminum	UG/L	-	NA	NA	NA	NA	NA

*Criteria- NYSDEC TOGS (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations, April 2000, Class GA.

Flags assigned during chemistry validation are shown.



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D - Result reported from a secondary dilution analysis.

U - Not detected above the reported quantitation limit.

NA - Not Analyzed

Only Detected Results Reported.

Detection Limits shown are PQL

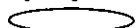
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TABLE 1-3
SUMMARY OF DETECTED HISTORICAL GROUNDWATER ANALYTICAL RESULTS
NYSEG - FORMER TRANSIT STREET MGP SITE
LOCKPORT, NEW YORK

Location ID			MW-01	MW-01	MW-02	MW-02	MW-02
Sample ID			MW-01	MW-01	MW-02	MW-02	MW-02
Matrix			Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)			-	-	-	-	-
Date Sampled			09/17/84	10/09/84	02/02/83	11/28/83	03/12/84
Parameter	Units	Criteria*					
Metals							
Antimony	UG/L	3	NA	NA	NA	NA	NA
Cadmium	UG/L	5	NA	NA	NA	NA	NA
Chromium	UG/L	50	NA	NA	NA	NA	NA
Cobalt	UG/L	-	NA	NA	NA	NA	NA
Copper	UG/L	200	NA	NA	NA	NA	NA
Iron	UG/L	300	NA	NA	NA	NA	NA
Lead	UG/L	25	NA	NA	NA	NA	NA
Manganese	UG/L	300	NA	NA	NA	NA	NA
Nickel	UG/L	100	NA	NA	NA	NA	NA
Zinc	UG/L	2000	NA	NA	NA	NA	NA
Filtered Metals							
Iron	UG/L	300	NA	NA	NA	NA	NA
Lead	UG/L	25	NA	NA	NA	NA	NA
Manganese	UG/L	300	NA	NA	NA	NA	NA
Nickel	UG/L	100	NA	NA	NA	NA	NA
Miscellaneous Parameters							
Total Cyanide	UG/L	200	NA	NA	NA	NA	NA
Cyanide, Amenable To Chlorination	UG/L	-	NA	NA	NA	NA	NA
Phenolics, Total Recoverable	MG/L	0.001	0.141	0.005	NA	0.081	0.033
Sulfide	MG/L	0.05	NA	NA	NA	NA	NA

*Criteria- NYSDEC TOGS (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations. April 2000, Class GA.

Flags assigned during chemistry validation are shown.

 Concentration Exceeds Criteria

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Only Detected Results Reported.

Detection Limits shown are PQL

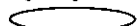
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TABLE 1-3
SUMMARY OF DETECTED HISTORICAL GROUNDWATER ANALYTICAL RESULTS
NYSEG - FORMER TRANSIT STREET MGP SITE
LOCKPORT, NEW YORK

Location ID			MW-02	MW-03	MW-03	MW-03	MW-03
Sample ID			MW-02	MW-03	MW-03	MW-03	MW-03
Matrix			Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)			-	-	-	-	-
Date Sampled			05/16/84	02/02/83	11/28/83	03/13/84	05/17/84
Parameter	Units	Criteria*					
Volatile Organic Compounds							
1,1,1-Trichloroethane	UG/L	5	NA	NA	NA	NA	NA
1,1-Dichloroethane	UG/L	5	NA	NA	NA	NA	NA
1,4-Dichlorobenzene	UG/L	3	100 U	NA	1,000 U	NA	1,000 U
Acetone	UG/L	50	NA	NA	NA	NA	NA
Benzene	UG/L	1	2,000	3,050	4,180	NA	2,200
Carbon disulfide	UG/L	60	NA	NA	NA	NA	NA
Chloroethane	UG/L	5	NA	NA	NA	NA	NA
Ethylbenzene	UG/L	5	53	730	1,960	NA	2,600
Methyl tert-butyl ether	UG/L	10	NA	NA	NA	NA	NA
n-Propylbenzene	UG/L	-	10 U	30	100 U	NA	500 U
Styrene	UG/L	5	10 U	510	560	NA	1,200
Toluene	UG/L	5	810	2,380	3,780	NA	3,700
Xylene (total)	UG/L	5	1,710	1,060	1,480	NA	3,500
Total BTEX	UG/L	-	4,573	7,220	11,400	NA	12,000
Total Volatile Organic Compounds	UG/L	-	4,573	7,760	11,960	NA	13,200
Semivolatile Organic Compounds							
2,4-Dimethylphenol	UG/L	50	NA	200 U	NA	NA	NA
2-Methylnaphthalene	UG/L	50	NA	NA	NA	NA	NA
2-Methylphenol (o-cresol)	UG/L	1	NA	NA	NA	NA	NA
3,4-Benzofluoranthene	UG/L	-	NA	69	NA	NA	NA
4-Methylphenol (p-cresol)	UG/L	1	NA	NA	NA	NA	NA
Acenaphthene	UG/L	20	20 U	190	1,900	3,770	6,700

*Criteria- NYSDEC TOGS (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations, April 2000, Class GA.

Flags assigned during chemistry validation are shown.

 Concentration Exceeds Criteria

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D - Result reported from a secondary dilution analysis.

U - Not detected above the reported quantitation limit.

NA - Not Analyzed

Only Detected Results Reported.

Detection Limits shown are PQL

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TABLE 1-3
SUMMARY OF DETECTED HISTORICAL GROUNDWATER ANALYTICAL RESULTS
NYSEG - FORMER TRANSIT STREET MGP SITE
LOCKPORT, NEW YORK

Location ID			MW-02	MW-03	MW-03	MW-03	MW-03
Sample ID			MW-02	MW-03	MW-03	MW-03	MW-03
Matrix			Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)			-	-	-	-	-
Date Sampled			05/16/84	02/02/83	11/28/83	03/13/84	05/17/84
Parameter	Units	Criteria*					
Semivolatile Organic Compounds							
Acenaphthylene	UG/L	50	20 U	570	3,200	5,910	21,000
Anthracene	UG/L	50	84	130	6,200	31,800	37,000
Benzo(a)anthracene	UG/L	0.002	30	81	880	1,240	5,400
Benzo(a)pyrene	UG/L	ND	20 U	51	860	1,740	4,400
Benzo(g,h,i)perylene	UG/L	50	20 U	43	240	1,180	1,500
Benzo(k)fluoranthene	UG/L	0.002	20 U	69	570	980	3,200
bis(2-Ethylhexyl)phthalate	UG/L	5	NA	10 U	NA	NA	NA
Chrysene	UG/L	0.002	34	60	770	1,490	4,200
Dibenzofuran	UG/L	50	NA	NA	NA	NA	NA
Fluoranthene	UG/L	50	40	120	1,500	3,110	11,000
Fluorene	UG/L	50	20 U	10 U	2,700	5,480	21,000
Indeno(1,2,3-cd)pyrene	UG/L	0.002	20 U	25 U	270	300	1,400
Naphthalene	UG/L	10	460	5,700	22,000	31,400	210,000
Phenanthrene	UG/L	50	NA	500	NA	NA	NA
Phenol	UG/L	1	NA	200 U	NA	NA	NA
Pyrene	UG/L	50	42	140	1,700	3,900	17,000
Total Carcinogenic PAHs	UG/L	-	64	261	3,350	5,750	18,600
Total Non-Carcinogenic PAHs	UG/L	-	626	7,393	39,440	86,550	325,200
Total Polycyclic Aromatic Hydrocarbons	UG/L	-	690	7,654	42,790	92,300	343,800
Total Semivolatile Organic Compounds	UG/L	-	690	7,723	42,790	92,300	343,800
Metals							
Aluminum	UG/L	-	NA	NA	NA	NA	NA

*Criteria- NYSDEC TOGS (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations. April 2000, Class GA.

Flags assigned during chemistry validation are shown.



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Only Detected Results Reported.

Detection Limits shown are PQL

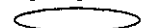
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TABLE 1-3
SUMMARY OF DETECTED HISTORICAL GROUNDWATER ANALYTICAL RESULTS
NYSEG - FORMER TRANSIT STREET MGP SITE
LOCKPORT, NEW YORK

Location ID			MW-02	MW-03	MW-03	MW-03	MW-03
Sample ID			MW-02	MW-03	MW-03	MW-03	MW-03
Matrix			Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)			-	-	-	-	-
Date Sampled			05/16/84	02/02/83	11/28/83	03/13/84	05/17/84
Parameter	Units	Criteria*					
Metals							
Antimony	UG/L	3	NA	NA	NA	NA	NA
Cadmium	UG/L	5	NA	NA	NA	NA	NA
Chromium	UG/L	50	NA	NA	NA	NA	NA
Cobalt	UG/L	-	NA	NA	NA	NA	NA
Copper	UG/L	200	NA	NA	NA	NA	NA
Iron	UG/L	300	NA	NA	NA	NA	NA
Lead	UG/L	25	NA	NA	NA	NA	NA
Manganese	UG/L	300	NA	NA	NA	NA	NA
Nickel	UG/L	100	NA	NA	NA	NA	NA
Zinc	UG/L	2000	NA	NA	NA	NA	NA
Filtered Metals							
Iron	UG/L	300	NA	NA	NA	NA	NA
Lead	UG/L	25	NA	NA	NA	NA	NA
Manganese	UG/L	300	NA	NA	NA	NA	NA
Nickel	UG/L	100	NA	NA	NA	NA	NA
Miscellaneous Parameters							
Total Cyanide	UG/L	200	NA	NA	NA	NA	NA
Cyanide, Amenable To Chlorination	UG/L	-	NA	NA	NA	NA	NA
Phenolics, Total Recoverable	MG/L	0.001	0.065	NA	1.09	1.03	0.87
Sulfide	MG/L	0.05	NA	NA	NA	NA	NA

*Criteria- NYSDEC TOGS (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations. April 2000, Class GA.

Flags assigned during chemistry validation are shown.



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D - Result reported from a secondary dilution analysis.

U - Not detected above the reported quantitation limit.

NA - Not Analyzed

Only Detected Results Reported.

Detection Limits shown are PQL

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TABLE 1-3
SUMMARY OF DETECTED HISTORICAL GROUNDWATER ANALYTICAL RESULTS
NYSEG - FORMER TRANSIT STREET MGP SITE
LOCKPORT, NEW YORK

Location ID			MW-03	MW-03	MW-04	MW-04	MW-04
Sample ID			MW-03	MW-03	MW-04	MW-04	MW-04
Matrix			Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)			-	-	-	-	-
Date Sampled			09/20/84	10/12/84	02/02/83	11/28/83	03/13/84
Parameter	Units	Criteria*					
Volatile Organic Compounds							
1,1,1-Trichloroethane	UG/L	5	NA	NA	NA	NA	NA
1,1-Dichloroethane	UG/L	5	NA	NA	NA	NA	NA
1,4-Dichlorobenzene	UG/L	3	100 U	500 U	NA	5 U	NA
Acetone	UG/L	50	NA	NA	NA	NA	NA
Benzene	UG/L	1	2,700	870	2 U	3.0	NA
Carbon disulfide	UG/L	60	NA	NA	NA	NA	NA
Chloroethane	UG/L	5	NA	NA	NA	NA	NA
Ethylbenzene	UG/L	5	530	300	2 U	1 U	NA
Methyl tert-butyl ether	UG/L	10	NA	NA	NA	NA	NA
n-Propylbenzene	UG/L	-	2.7	7.5	2 U	1 U	NA
Styrene	UG/L	5	52	29	2 U	1 U	NA
Toluene	UG/L	5	1,100	740	2 U	1 U	NA
Xylene (total)	UG/L	5	550	278	2 U	1 U	NA
Total BTEX	UG/L	-	4,880	2,188	ND	3	NA
Total Volatile Organic Compounds	UG/L	-	4,934.7	2,224.5	ND	3	NA
Semivolatile Organic Compounds							
2,4-Dimethylphenol	UG/L	50	NA	NA	NA	NA	NA
2-Methylnaphthalene	UG/L	50	NA	NA	NA	NA	NA
2-Methylphenol (o-cresol)	UG/L	1	NA	NA	NA	NA	NA
3,4-Benzofluoranthene	UG/L	-	NA	NA	10 U	NA	NA
4-Methylphenol (p-cresol)	UG/L	1	NA	NA	NA	NA	NA
Acenaphthene	UG/L	20	1,100	510	10 U	5 U	31

*Criteria- NYSDEC TOGS (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations. April 2000, Class GA.

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Detection Limits shown are PQL

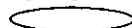
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TABLE 1-3
SUMMARY OF DETECTED HISTORICAL GROUNDWATER ANALYTICAL RESULTS
NYSEG - FORMER TRANSIT STREET MGP SITE
LOCKPORT, NEW YORK

Location ID			MW-03	MW-03	MW-04	MW-04	MW-04
Sample ID			MW-03	MW-03	MW-04	MW-04	MW-04
Matrix			Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)			-	-	-	-	-
Date Sampled			09/20/84	10/12/84	02/02/83	11/28/83	03/13/84
Parameter	Units	Criteria*					
Semivolatile Organic Compounds							
Acenaphthylene	UG/L	50	990	520	10 U	5 U	3.6
Anthracene	UG/L	50	2,300	790	10 U	3.0	63
Benzo(a)anthracene	UG/L	0.002	390	200 U	10 U	5 U	50
Benzo(a)pyrene	UG/L	ND	270	200 U	10 U	5 U	12
Benzo(g,h,i)perylene	UG/L	50	100 U	200 U	25 U	5 U	4 U
Benzo(k)fluoranthene	UG/L	0.002	250	200 U	10 U	5 U	7.2
bis(2-Ethylhexyl)phthalate	UG/L	5	NA	NA	10 U	NA	NA
Chrysene	UG/L	0.002	770	200 U	10 U	6	4 U
Dibenzofuran	UG/L	50	NA	NA	NA	NA	NA
Fluoranthene	UG/L	50	710	160	10 U	2	37
Fluorene	UG/L	50	1,200	750	10 U	5 U	28
Indeno(1,2,3-cd)pyrene	UG/L	0.002	100 U	200 U	25 U	5 U	4 U
Naphthalene	UG/L	10	10,000	5,000	10 U	5 U	15
Phenanthrene	UG/L	50	NA	NA	10 U	NA	NA
Phenol	UG/L	1	NA	NA	NA	NA	NA
Pyrene	UG/L	50	280	230	10 U	3.0	44
Total Carcinogenic PAHs	UG/L	-	1,680	ND	ND	6	69.2
Total Non-Carcinogenic PAHs	UG/L	-	16,580	7,960	ND	8	221.6
Total Polycyclic Aromatic Hydrocarbons	UG/L	-	18,260	7,960	ND	14	290.8
Total Semivolatile Organic Compounds	UG/L	-	18,260	7,960	ND	14	290.8
Metals							
Aluminum	UG/L	-	NA	NA	NA	NA	NA

*Criteria- NYSDEC TOGS (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations, April 2000, Class GA.

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Detection Limits shown are PQL

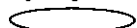
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TABLE 1-3
SUMMARY OF DETECTED HISTORICAL GROUNDWATER ANALYTICAL RESULTS
NYSEG - FORMER TRANSIT STREET MGP SITE
LOCKPORT, NEW YORK

Location ID			MW-03	MW-03	MW-04	MW-04	MW-04
Sample ID			MW-03	MW-03	MW-04	MW-04	MW-04
Matrix			Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)			-	-	-	-	-
Date Sampled			09/20/84	10/12/84	02/02/83	11/28/83	03/13/84
Parameter	Units	Criteria*					
Metals							
Antimony	UG/L	3	NA	NA	NA	NA	NA
Cadmium	UG/L	5	NA	NA	NA	NA	NA
Chromium	UG/L	50	NA	NA	NA	NA	NA
Cobalt	UG/L	-	NA	NA	NA	NA	NA
Copper	UG/L	200	NA	NA	NA	NA	NA
Iron	UG/L	300	NA	NA	NA	NA	NA
Lead	UG/L	25	NA	NA	NA	NA	NA
Manganese	UG/L	300	NA	NA	NA	NA	NA
Nickel	UG/L	100	NA	NA	NA	NA	NA
Zinc	UG/L	2000	NA	NA	NA	NA	NA
Filtered Metals							
Iron	UG/L	300	NA	NA	NA	NA	NA
Lead	UG/L	25	NA	NA	NA	NA	NA
Manganese	UG/L	300	NA	NA	NA	NA	NA
Nickel	UG/L	100	NA	NA	NA	NA	NA
Miscellaneous Parameters							
Total Cyanide	UG/L	200	NA	NA	NA	NA	NA
Cyanide, Amenable To Chlorination	UG/L	-	NA	NA	NA	NA	NA
Phenolics, Total Recoverable	MG/L	0.001	1.07	1.47	NA	0.014	0.02
Sulfide	MG/L	0.05	NA	NA	NA	NA	NA

*Criteria- NYSDEC TOGS (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations. April 2000, Class GA.

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Detection Limits shown are PQL

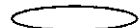
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TABLE 1-3
SUMMARY OF DETECTED HISTORICAL GROUNDWATER ANALYTICAL RESULTS
NYSEG - FORMER TRANSIT STREET MGP SITE
LOCKPORT, NEW YORK

Location ID			MW-04	MW-04	MW-04	MW-05	MW-05
Sample ID			MW-04	MW-04	MW-04	MW-05	MW-05
Matrix			Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)			-	-	-	-	-
Date Sampled			05/17/84	09/19/84	10/11/84	11/28/83	03/13/84
Parameter	Units	Criteria*					
Volatile Organic Compounds							
1,1,1-Trichloroethane	UG/L	5	NA	NA	NA	NA	NA
1,1-Dichloroethane	UG/L	5	NA	NA	NA	NA	NA
1,4-Dichlorobenzene	UG/L	3	5 U	5 U	10 U	20 U	NA
Acetone	UG/L	50	NA	NA	NA	NA	NA
Benzene	UG/L	1	1 U	1 U	1 U	5	NA
Carbon disulfide	UG/L	60	NA	NA	NA	NA	NA
Chloroethane	UG/L	5	NA	NA	NA	NA	NA
Ethylbenzene	UG/L	5	1 U	1.5	1 U	4	NA
Methyl tert-butyl ether	UG/L	10	NA	NA	NA	NA	NA
n-Propylbenzene	UG/L	-	1 U	1 U	1 U	1 U	NA
Styrene	UG/L	5	1 U	1 U	1 U	1 U	NA
Toluene	UG/L	5	1 U	3.8	1.0	1	NA
Xylene (total)	UG/L	5	1 U	2.2	1 U	4	NA
Total BTEX	UG/L	-	ND	7.5	1	14	NA
Total Volatile Organic Compounds	UG/L	-	ND	7.5	1	14	NA
Semivolatile Organic Compounds							
2,4-Dimethylphenol	UG/L	50	NA	NA	NA	NA	NA
2-Methylnaphthalene	UG/L	50	NA	NA	NA	NA	NA
2-Methylphenol (o-cresol)	UG/L	1	NA	NA	NA	NA	NA
3,4-Benzofluoranthene	UG/L	-	NA	NA	NA	NA	NA
4-Methylphenol (p-cresol)	UG/L	1	NA	NA	NA	NA	NA
Acenaphthene	UG/L	20	10 U	10 U	20 U	5 U	4 U

*Criteria- NYSDEC TOGS (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations. April 2000, Class GA.

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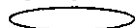
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TABLE 1-3
SUMMARY OF DETECTED HISTORICAL GROUNDWATER ANALYTICAL RESULTS
NYSEG - FORMER TRANSIT STREET MGP SITE
LOCKPORT, NEW YORK

Location ID			MW-04	MW-04	MW-04	MW-05	MW-05
Sample ID			MW-04	MW-04	MW-04	MW-05	MW-05
Matrix			Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)			-	-	-	-	-
Date Sampled			05/17/84	09/19/84	10/11/84	11/28/83	03/13/84
Parameter	Units	Criteria*					
Semivolatile Organic Compounds							
Acenaphthylene	UG/L	50	10 U	10 U	20 U	12	12
Anthracene	UG/L	50	10 U	10 U	20 U	7	5.1
Benzo(a)anthracene	UG/L	0.002	10 U	10 U	20 U	5 U	5.6
Benzo(a)pyrene	UG/L	ND	10 U	10 U	20 U	5 U	4 U
Benzo(g,h,i)perylene	UG/L	50	10 U	10 U	20 U	5 U	4 U
Benzo(k)fluoranthene	UG/L	0.002	10 U	10 U	20 U	5 U	4 U
bis(2-Ethylhexyl)phthalate	UG/L	5	NA	NA	NA	NA	NA
Chrysene	UG/L	0.002	10 U	10 U	20 U	6	4 U
Dibenzofuran	UG/L	50	NA	NA	NA	NA	NA
Fluoranthene	UG/L	50	10 U	10 U	20 U	3.0	4.6
Fluorene	UG/L	50	10 U	10 U	68	5	6.7
Indeno(1,2,3-cd)pyrene	UG/L	0.002	10 U	10 U	20 U	5 U	4 U
Naphthalene	UG/L	10	10 U	10 U	20 U	12	4 U
Phenanthrene	UG/L	50	NA	NA	NA	NA	NA
Phenol	UG/L	1	NA	NA	NA	NA	NA
Pyrene	UG/L	50	10 U	10 U	20 U	3.0	4.5
Total Carcinogenic PAHs	UG/L	-	ND	ND	ND	6	5.6
Total Non-Carcinogenic PAHs	UG/L	-	ND	ND	68	42	32.9
Total Polycyclic Aromatic Hydrocarbons	UG/L	-	ND	ND	68	48	38.5
Total Semivolatile Organic Compounds	UG/L	-	ND	ND	68	48	38.5
Metals							
Aluminum	UG/L	-	NA	NA	NA	NA	NA

*Criteria- NYSDEC TOGS (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations, April 2000, Class GA.

Flags assigned during chemistry validation are shown.



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Only Detected Results Reported.

Detection Limits shown are PQL

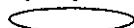
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TABLE 1-3
SUMMARY OF DETECTED HISTORICAL GROUNDWATER ANALYTICAL RESULTS
NYSEG - FORMER TRANSIT STREET MGP SITE
LOCKPORT, NEW YORK

Location ID			MW-04	MW-04	MW-04	MW-05	MW-05
Sample ID			MW-04	MW-04	MW-04	MW-05	MW-05
Matrix			Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)			-	-	-	-	-
Date Sampled			05/17/84	09/19/84	10/11/84	11/28/83	03/13/84
Parameter	Units	Criteria*					
Metals							
Antimony	UG/L	3	NA	NA	NA	NA	NA
Cadmium	UG/L	5	NA	NA	NA	NA	NA
Chromium	UG/L	50	NA	NA	NA	NA	NA
Cobalt	UG/L	-	NA	NA	NA	NA	NA
Copper	UG/L	200	NA	NA	NA	NA	NA
Iron	UG/L	300	NA	NA	NA	NA	NA
Lead	UG/L	25	NA	NA	NA	NA	NA
Manganese	UG/L	300	NA	NA	NA	NA	NA
Nickel	UG/L	100	NA	NA	NA	NA	NA
Zinc	UG/L	2000	NA	NA	NA	NA	NA
Filtered Metals							
Iron	UG/L	300	NA	NA	NA	NA	NA
Lead	UG/L	25	NA	NA	NA	NA	NA
Manganese	UG/L	300	NA	NA	NA	NA	NA
Nickel	UG/L	100	NA	NA	NA	NA	NA
Miscellaneous Parameters							
Total Cyanide	UG/L	200	NA	NA	NA	NA	NA
Cyanide, Amenable To Chlorination	UG/L	-	NA	NA	NA	NA	NA
Phenolics, Total Recoverable	MG/L	0.001	0.005	NA	0.01	0.005	0.005 U
Sulfide	MG/L	0.05	NA	NA	NA	NA	NA

*Criteria- NYSDEC TOGS (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations, April 2000, Class GA.

Flags assigned during chemistry validation are shown.



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Only Detected Results Reported.

Detection Limits shown are PQL.

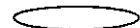
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TABLE 1-3
SUMMARY OF DETECTED HISTORICAL GROUNDWATER ANALYTICAL RESULTS
NYSEG - FORMER TRANSIT STREET MGP SITE
LOCKPORT, NEW YORK

Location ID			MW-05	MW-05	MW-05	MW-06	MW-06
Sample ID			MW-05	MW-05	MW-05	MW-06	MW-06
Matrix			Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)			-	-	-	-	-
Date Sampled			05/17/84	09/19/84	10/11/84	11/28/83	03/12/84
Parameter	Units	Criteria*					
Volatile Organic Compounds							
1,1,1-Trichloroethane	UG/L	5	NA	NA	NA	NA	NA
1,1-Dichloroethane	UG/L	5	NA	NA	NA	NA	NA
1,4-Dichlorobenzene	UG/L	3	10 U	5 U	10 U	20 U	NA
Acetone	UG/L	50	NA	NA	NA	NA	NA
Benzene	UG/L	1	3.3	1 U	3.6	8	NA
Carbon disulfide	UG/L	60	NA	NA	NA	NA	NA
Chloroethane	UG/L	5	NA	NA	NA	NA	NA
Ethylbenzene	UG/L	5	3.3	2.4	1 U	13	NA
Methyl tert-butyl ether	UG/L	10	NA	NA	NA	NA	NA
n-Propylbenzene	UG/L	-	1 U	1 U	1 U	2	NA
Styrene	UG/L	5	1 U	1 U	1 U	1 U	NA
Toluene	UG/L	5	1 U	1 U	1 U	29	NA
Xylene (total)	UG/L	5	2.6	4.1	1 U	34	NA
Total BTEX	UG/L	-	9.2	6.5	3.6	84	NA
Total Volatile Organic Compounds	UG/L	-	9.2	6.5	3.6	86	NA
Semivolatile Organic Compounds							
2,4-Dimethylphenol	UG/L	50	NA	NA	NA	NA	NA
2-Methylnaphthalene	UG/L	50	NA	NA	NA	NA	NA
2-Methylphenol (o-cresol)	UG/L	1	NA	NA	NA	NA	NA
3,4-Benzofluoranthene	UG/L	-	NA	NA	NA	NA	NA
4-Methylphenol (p-cresol)	UG/L	1	NA	NA	NA	NA	NA
Acenaphthene	UG/L	20	10 U	20 U	20 U	3.0	120

*Criteria- NYSDEC TOGS (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations. April 2000, Class GA.

Flags assigned during chemistry validation are shown.



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Only Detected Results Reported.

Detection Limits shown are PQL

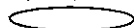
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TABLE 1-3
SUMMARY OF DETECTED HISTORICAL GROUNDWATER ANALYTICAL RESULTS
NYSEG - FORMER TRANSIT STREET MGP SITE
LOCKPORT, NEW YORK

Location ID			MW-05	MW-05	MW-05	MW-06	MW-06
Sample ID			MW-05	MW-05	MW-05	MW-06	MW-06
Matrix			Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)			-	-	-	-	-
Date Sampled			05/17/84	09/19/84	10/11/84	11/28/83	03/12/84
Parameter	Units	Criteria*					
Semivolatile Organic Compounds							
Acenaphthylene	UG/L	50	10 U	20 U	20 U	3.0	97
Anthracene	UG/L	50	10 U	20 U	20 U	11	310
Benzo(a)anthracene	UG/L	0.002	10 U	47	20 U	5 U	290
Benzo(a)pyrene	UG/L	ND	10 U	20 U	20 U	5 U	50 U
Benzo(g,h,i)perylene	UG/L	50	10 U	20 U	20 U	5 U	50 U
Benzo(k)fluoranthene	UG/L	0.002	10 U	20 U	20 U	5 U	50 U
bis(2-Ethylhexyl)phthalate	UG/L	5	NA	NA	NA	NA	NA
Chrysene	UG/L	0.002	10 U	190	20 U	36	210
Dibenzofuran	UG/L	50	NA	NA	NA	NA	NA
Fluoranthene	UG/L	50	10 U	20 U	20 U	37	200
Fluorene	UG/L	50	10 U	20 U	270	5 U	140
Indeno(1,2,3-cd)pyrene	UG/L	0.002	10 U	20 U	20 U	5 U	50 U
Naphthalene	UG/L	10	10 U	20 U	20 U	34	640
Phenanthrene	UG/L	50	NA	NA	NA	NA	NA
Phenol	UG/L	1	NA	NA	NA	NA	NA
Pyrene	UG/L	50	10 U	20 U	20 U	41	270
Total Carcinogenic PAHs	UG/L	-	ND	237	ND	36	500
Total Non-Carcinogenic PAHs	UG/L	-	ND	ND	270	129	1,777
Total Polycyclic Aromatic Hydrocarbons	UG/L	-	ND	237	270	165	2,277
Total Semivolatile Organic Compounds	UG/L	-	ND	237	270	165	2,277
Metals							
Aluminum	UG/L	-	NA	NA	NA	NA	NA

*Criteria- NYSDEC TOGS (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations, April 2000, Class GA.

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Detection Limits shown are PQL

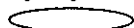
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TABLE 1-3
SUMMARY OF DETECTED HISTORICAL GROUNDWATER ANALYTICAL RESULTS
NYSEG - FORMER TRANSIT STREET MGP SITE
LOCKPORT, NEW YORK

Location ID			MW-05	MW-05	MW-05	MW-06	MW-06
Sample ID			MW-05	MW-05	MW-05	MW-06	MW-06
Matrix			Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)			-	-	-	-	-
Date Sampled			05/17/84	09/19/84	10/11/84	11/28/83	03/12/84
Parameter	Units	Criteria*					
Metals							
Antimony	UG/L	3	NA	NA	NA	NA	NA
Cadmium	UG/L	5	NA	NA	NA	NA	NA
Chromium	UG/L	50	NA	NA	NA	NA	NA
Cobalt	UG/L	-	NA	NA	NA	NA	NA
Copper	UG/L	200	NA	NA	NA	NA	NA
Iron	UG/L	300	NA	NA	NA	NA	NA
Lead	UG/L	25	NA	NA	NA	NA	NA
Manganese	UG/L	300	NA	NA	NA	NA	NA
Nickel	UG/L	100	NA	NA	NA	NA	NA
Zinc	UG/L	2000	NA	NA	NA	NA	NA
Filtered Metals							
Iron	UG/L	300	NA	NA	NA	NA	NA
Lead	UG/L	25	NA	NA	NA	NA	NA
Manganese	UG/L	300	NA	NA	NA	NA	NA
Nickel	UG/L	100	NA	NA	NA	NA	NA
Miscellaneous Parameters							
Total Cyanide	UG/L	200	NA	NA	NA	NA	NA
Cyanide, Amenable To Chlorination	UG/L	-	NA	NA	NA	NA	NA
Phenolics, Total Recoverable	MG/L	0.001	0.005 U	0.005 U	0.005 U	0.01	0.062
Sulfide	MG/L	0.05	NA	NA	NA	NA	NA

*Criteria- NYSDEC TOGS (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations, April 2000, Class GA.

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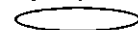
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TABLE 1-3
SUMMARY OF DETECTED HISTORICAL GROUNDWATER ANALYTICAL RESULTS
NYSEG - FORMER TRANSIT STREET MGP SITE
LOCKPORT, NEW YORK

Location ID			MW-06	MW-06	MW-06	MW-07	MW-07
Sample ID			MW-06	MW-06	MW-06	MW-07	MW-07
Matrix			Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)			-	-	-	-	-
Date Sampled			05/15/84	09/18/84	10/10/84	11/28/83	03/13/84
Parameter	Units	Criteria*					
Volatile Organic Compounds							
1,1,1-Trichloroethane	UG/L	5	NA	NA	NA	NA	NA
1,1-Dichloroethane	UG/L	5	NA	NA	NA	NA	NA
1,4-Dichlorobenzene	UG/L	3	100 U	100 U	10 U	1,000 U	NA
Acetone	UG/L	50	NA	NA	NA	NA	NA
Benzene	UG/L	1	380	460	270	3,560	NA
Carbon disulfide	UG/L	60	NA	NA	NA	NA	NA
Chloroethane	UG/L	5	NA	NA	NA	NA	NA
Ethylbenzene	UG/L	5	910	840	110	990	NA
Methyl tert-butyl ether	UG/L	10	NA	NA	NA	NA	NA
n-Propylbenzene	UG/L	-	28	32	41	48	NA
Styrene	UG/L	5	61	53	9.9	900	NA
Toluene	UG/L	5	900	850	180	3,440	NA
Xylene (total)	UG/L	5	760	820	129	1,390	NA
Total BTEX	UG/L	-	2,950	2,970	689	9,380	NA
Total Volatile Organic Compounds	UG/L	-	3,039	3,055	739.9	10,328	NA
Semivolatile Organic Compounds							
2,4-Dimethylphenol	UG/L	50	NA	NA	NA	NA	NA
2-Methylnaphthalene	UG/L	50	NA	NA	NA	NA	NA
2-Methylphenol (o-cresol)	UG/L	1	NA	NA	NA	NA	NA
3,4-Benzofluoranthene	UG/L	-	NA	NA	NA	NA	NA
4-Methylphenol (p-cresol)	UG/L	1	NA	NA	NA	NA	NA
Acenaphthene	UG/L	20	110	1,400	350	22,000	940

*Criteria - NYSDEC TOGS (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations, April 2000, Class GA.

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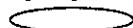
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TABLE 1-3
SUMMARY OF DETECTED HISTORICAL GROUNDWATER ANALYTICAL RESULTS
NYSEG - FORMER TRANSIT STREET MGP SITE
LOCKPORT, NEW YORK

Location ID			MW-06	MW-06	MW-06	MW-07	MW-07
Sample ID			MW-06	MW-06	MW-06	MW-07	MW-07
Matrix			Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)			-	-	-	-	-
Date Sampled			05/15/84	09/18/84	10/10/84	11/28/83	03/13/84
Parameter	Units	Criteria*					
Semivolatile Organic Compounds							
Acenaphthylene	UG/L	50	160	42	520	49,000	1,470
Anthracene	UG/L	50	53	84	440	99,000	1,950
Benzo(a)anthracene	UG/L	0.002	50 U	52	140	11,000	1,150
Benzo(a)pyrene	UG/L	ND	50 U	10 U	75	11,000	370
Benzo(g,h,i)perylene	UG/L	50	50 U	10 U	20 U	2,900	100 U
Benzo(k)fluoranthene	UG/L	0.002	50 U	10 U	76	7,100	450
bis(2-Ethylhexyl)phthalate	UG/L	5	NA	NA	NA	NA	NA
Chrysene	UG/L	0.002	50 U	140	150	8,000	100 U
Dibenzofuran	UG/L	50	NA	NA	NA	NA	NA
Fluoranthene	UG/L	50	50 U	34	150	31,000	520
Fluorene	UG/L	50	320	21	930	38,000	1,590
Indeno(1,2,3-cd)pyrene	UG/L	0.002	50 U	10 U	23	3,500	100 U
Naphthalene	UG/L	10	1,600	310	5,600	97,000	7,040
Phenanthrene	UG/L	50	NA	NA	NA	NA	NA
Phenol	UG/L	1	NA	NA	NA	NA	NA
Pyrene	UG/L	50	50 U	36	230	33,000	660
Total Carcinogenic PAHs	UG/L	-	ND	192	464	40,600	1,970
Total Non-Carcinogenic PAHs	UG/L	-	2,243	1,927	8,220	371,900	14,170
Total Polycyclic Aromatic Hydrocarbons	UG/L	-	2,243	2,119	8,684	412,500	16,140
Total Semivolatile Organic Compounds	UG/L	-	2,243	2,119	8,684	412,500	16,140
Metals							
Aluminum	UG/L	-	NA	NA	NA	NA	NA

*Criteria- NYSDEC TOGS (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations, April 2000, Class GA.

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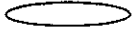
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TABLE 1-3
SUMMARY OF DETECTED HISTORICAL GROUNDWATER ANALYTICAL RESULTS
NYSEG - FORMER TRANSIT STREET MGP SITE
LOCKPORT, NEW YORK

Location ID			MW-06	MW-06	MW-06	MW-07	MW-07
Sample ID			MW-06	MW-06	MW-06	MW-07	MW-07
Matrix			Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)			-	-	-	-	-
Date Sampled			05/15/84	09/18/84	10/10/84	11/28/83	03/13/84
Parameter	Units	Criteria*					
Metals							
Antimony	UG/L	3	NA	NA	NA	NA	NA
Cadmium	UG/L	5	NA	NA	NA	NA	NA
Chromium	UG/L	50	NA	NA	NA	NA	NA
Cobalt	UG/L	-	NA	NA	NA	NA	NA
Copper	UG/L	200	NA	NA	NA	NA	NA
Iron	UG/L	300	NA	NA	NA	NA	NA
Lead	UG/L	25	NA	NA	NA	NA	NA
Manganese	UG/L	300	NA	NA	NA	NA	NA
Nickel	UG/L	100	NA	NA	NA	NA	NA
Zinc	UG/L	2000	NA	NA	NA	NA	NA
Filtered Metals							
Iron	UG/L	300	NA	NA	NA	NA	NA
Lead	UG/L	25	NA	NA	NA	NA	NA
Manganese	UG/L	300	NA	NA	NA	NA	NA
Nickel	UG/L	100	NA	NA	NA	NA	NA
Miscellaneous Parameters							
Total Cyanide	UG/L	200	NA	NA	NA	NA	NA
Cyanide, Amenable To Chlorination	UG/L	-	NA	NA	NA	NA	NA
Phenolics, Total Recoverable	MG/L	0.001	0.129	0.165	0.139	6.38	0.734
Sulfide	MG/L	0.05	NA	NA	NA	NA	NA

*Criteria- NYSDEC TOGS (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations, April 2000, Class GA.

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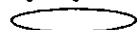
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TABLE 1-3
SUMMARY OF DETECTED HISTORICAL GROUNDWATER ANALYTICAL RESULTS
NYSEG - FORMER TRANSIT STREET MGP SITE
LOCKPORT, NEW YORK

Location ID			MW-07	MW-07	MW-07	MW-08	MW-08
Sample ID			MW-07	MW-07	MW-07	MW-08	MW-08
Matrix			Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)			-	-	-	-	-
Date Sampled			05/17/84	09/20/84	10/10/84	11/07/83	11/28/83
Parameter	Units	Criteria*					
Volatile Organic Compounds							
1,1,1-Trichloroethane	UG/L	5	NA	NA	NA	NA	NA
1,1-Dichloroethane	UG/L	5	NA	NA	NA	NA	NA
1,4-Dichlorobenzene	UG/L	3	1,000 U	1,000 U	500 U	NA	100 U
Acetone	UG/L	50	NA	NA	NA	NA	NA
Benzene	UG/L	1	6,300	11,800	1,100	NA	52
Carbon disulfide	UG/L	60	NA	NA	NA	NA	NA
Chloroethane	UG/L	5	NA	NA	NA	NA	NA
Ethylbenzene	UG/L	5	2,100	2,900	520	NA	44
Methyl tert-butyl ether	UG/L	10	NA	NA	NA	NA	NA
n-Propylbenzene	UG/L	-	100 U	290	24	NA	7
Styrene	UG/L	5	1,600	1,900	460	NA	1
Toluene	UG/L	5	7,500	10,000	1,900	NA	5
Xylene (total)	UG/L	5	2,860	4,100	680	NA	35
Total BTEX	UG/L	-	18,760	28,800	4,200	NA	136
Total Volatile Organic Compounds	UG/L	-	20,360	30,990	4,684	NA	144
Semivolatile Organic Compounds							
2,4-Dimethylphenol	UG/L	50	NA	NA	NA	NA	NA
2-Methylnaphthalene	UG/L	50	NA	NA	NA	NA	NA
2-Methylphenol (o-cresol)	UG/L	1	NA	NA	NA	NA	NA
3,4-Benzofluoranthene	UG/L	-	NA	NA	NA	NA	NA
4-Methylphenol (p-cresol)	UG/L	1	NA	NA	NA	NA	NA
Acenaphthene	UG/L	20	6,500	1,300	620	1,280	120

*Criteria- NYSDEC TOGS (1.1.1). Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations. April 2000, Class GA.

Flags assigned during chemistry validation are shown.



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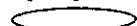
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TABLE 1-3
SUMMARY OF DETECTED HISTORICAL GROUNDWATER ANALYTICAL RESULTS
NYSEG - FORMER TRANSIT STREET MGP SITE
LOCKPORT, NEW YORK

Location ID			MW-07	MW-07	MW-07	MW-08	MW-08
Sample ID			MW-07	MW-07	MW-07	MW-08	MW-08
Matrix			Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)			-	-	-	-	-
Date Sampled			05/17/84	09/20/84	10/10/84	11/07/83	11/28/83
Parameter	Units	Criteria*					
Semivolatile Organic Compounds							
Acenaphthylene	UG/L	50	29,000	5,500	1,200	150	49
Anthracene	UG/L	50	49,000	9,600	1,300	2,080	250
Benzo(a)anthracene	UG/L	0.002	7,300	1,400	320	160	22
Benzo(a)pyrene	UG/L	ND	6,100	1,200	240	150	25
Benzo(g,h,i)perylene	UG/L	50	2,000	1,000 U	100 U	39	2
Benzo(k)fluoranthene	UG/L	0.002	4,200	950	220	92	15
bis(2-Ethylhexyl)phthalate	UG/L	5	NA	NA	NA	NA	NA
Chrysene	UG/L	0.002	5,700	1,900	280	130	16
Dibenzofuran	UG/L	50	NA	NA	NA	NA	NA
Fluoranthene	UG/L	50	15,000	2,500	350	610	50
Fluorene	UG/L	50	27,000	6,900	1,400	2,030	130
Indeno(1,2,3-cd)pyrene	UG/L	0.002	1,900	1,000 U	110	53	4
Naphthalene	UG/L	10	240,000	29,000	10,700	850	120
Phenanthrene	UG/L	50	NA	NA	NA	NA	NA
Phenol	UG/L	1	NA	NA	NA	NA	NA
Pyrene	UG/L	50	20,000	3,100	460	2,810	51
Total Carcinogenic PAHs	UG/L	-	25,200	5,450	1,170	585	82
Total Non-Carcinogenic PAHs	UG/L	-	388,500	57,900	16,030	9,849	772
Total Polycyclic Aromatic Hydrocarbons	UG/L	-	413,700	63,350	17,200	10,434	854
Total Semivolatile Organic Compounds	UG/L	-	413,700	63,350	17,200	10,434	854
Metals							
Aluminum	UG/L	-	NA	NA	NA	NA	NA

*Criteria- NYSDEC TOGS (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations, April 2000, Class GA.

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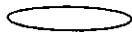
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TABLE 1-3
SUMMARY OF DETECTED HISTORICAL GROUNDWATER ANALYTICAL RESULTS
NYSEG - FORMER TRANSIT STREET MGP SITE
LOCKPORT, NEW YORK

Location ID			MW-07	MW-07	MW-07	MW-08	MW-08
Sample ID			MW-07	MW-07	MW-07	MW-08	MW-08
Matrix			Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)			-	-	-	-	-
Date Sampled			05/17/84	09/20/84	10/10/84	11/07/83	11/28/83
Parameter	Units	Criteria*					
Metals							
Antimony	UG/L	3	NA	NA	NA	NA	NA
Cadmium	UG/L	5	NA	NA	NA	NA	NA
Chromium	UG/L	50	NA	NA	NA	NA	NA
Cobalt	UG/L	-	NA	NA	NA	NA	NA
Copper	UG/L	200	NA	NA	NA	NA	NA
Iron	UG/L	300	NA	NA	NA	NA	NA
Lead	UG/L	25	NA	NA	NA	NA	NA
Manganese	UG/L	300	NA	NA	NA	NA	NA
Nickel	UG/L	100	NA	NA	NA	NA	NA
Zinc	UG/L	2000	NA	NA	NA	NA	NA
Filtered Metals							
Iron	UG/L	300	NA	NA	NA	NA	NA
Lead	UG/L	25	NA	NA	NA	NA	NA
Manganese	UG/L	300	NA	NA	NA	NA	NA
Nickel	UG/L	100	NA	NA	NA	NA	NA
Miscellaneous Parameters							
Total Cyanide	UG/L	200	NA	NA	NA	NA	NA
Cyanide, Amenable To Chlorination	UG/L	-	NA	NA	NA	NA	NA
Phenolics, Total Recoverable	MG/L	0.001	0.541	1.58	1.26	NA	0.014
Sulfide	MG/L	0.05	NA	NA	NA	NA	NA

*Criteria- NYSDEC TOGS (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations. April 2000, Class GA.

Flags assigned during chemistry validation are shown.

 Concentration Exceeds Criteria

R - The data is rejected. J - The reported concentration is an estimated value.

D - Result reported from a secondary dilution analysis.

U - Not detected above the reported quantitation limit.

NA - Not Analyzed

Only Detected Results Reported.

Detection Limits shown are PQL

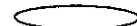
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TABLE 1-3
SUMMARY OF DETECTED HISTORICAL GROUNDWATER ANALYTICAL RESULTS
NYSEG - FORMER TRANSIT STREET MGP SITE
LOCKPORT, NEW YORK

Location ID			MW-08	MW-08	MW-08	MW-08	MW-09
Sample ID			MW-08	MW-08	MW-08	MW-08	MW-09
Matrix			Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)			-	-	-	-	-
Date Sampled			03/12/84	05/15/84	09/17/84	10/09/84	11/07/83
Parameter	Units	Criteria*					
Volatile Organic Compounds							
1,1,1-Trichloroethane	UG/L	5	NA	NA	NA	NA	NA
1,1-Dichloroethane	UG/L	5	NA	NA	NA	NA	NA
1,4-Dichlorobenzene	UG/L	3	NA	10 U	5 U	100 U	NA
Acetone	UG/L	50	NA	NA	NA	NA	NA
Benzene	UG/L	1	NA	47	140	120	NA
Carbon disulfide	UG/L	60	NA	NA	NA	NA	NA
Chloroethane	UG/L	5	NA	NA	NA	NA	NA
Ethylbenzene	UG/L	5	NA	6.9	6.3	59	NA
Methyl tert-butyl ether	UG/L	10	NA	NA	NA	NA	NA
n-Propylbenzene	UG/L	-	NA	1	1.3	9.7	NA
Styrene	UG/L	5	NA	1 U	1 U	1 U	NA
Toluene	UG/L	5	NA	3.7	1.8	3.6	NA
Xylene (total)	UG/L	5	NA	45.6	36	40	NA
Total BTEX	UG/L	-	NA	103.2	184.1	222.6	NA
Total Volatile Organic Compounds	UG/L	-	NA	104.2	185.4	232.3	NA
Semivolatile Organic Compounds							
2,4-Dimethylphenol	UG/L	50	NA	NA	NA	NA	NA
2-Methylnaphthalene	UG/L	50	NA	NA	NA	NA	NA
2-Methylphenol (o-cresol)	UG/L	1	NA	NA	NA	NA	NA
3,4-Benzofluoranthene	UG/L	-	NA	NA	NA	NA	NA
4-Methylphenol (p-cresol)	UG/L	1	NA	NA	NA	NA	NA
Acenaphthene	UG/L	20	250	410	190	530	45

*Criteria- NYSDCE TOGS (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations. April 2000, Class GA.

Flags assigned during chemistry validation are shown.

 Concentration Exceeds Criteria

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D - Result reported from a secondary dilution analysis.

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NA - Not Analyzed

Only Detected Results Reported.

Detection Limits shown are PQL

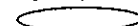
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TABLE 1-3
SUMMARY OF DETECTED HISTORICAL GROUNDWATER ANALYTICAL RESULTS
NYSEG - FORMER TRANSIT STREET MGP SITE
LOCKPORT, NEW YORK

Location ID			MW-08	MW-08	MW-08	MW-08	MW-09
Sample ID			MW-08	MW-08	MW-08	MW-08	MW-09
Matrix			Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)			-	-	-	-	-
Date Sampled			03/12/84	05/15/84	09/17/84	10/09/84	11/07/83
Parameter	Units	Criteria*					
Semivolatile Organic Compounds							
Acenaphthylene	UG/L	50	62	120	50 U	19	87
Anthracene	UG/L	50	450	50 U	270	4,000	190
Benzo(a)anthracene	UG/L	0.002	38	50 U	51	81	43
Benzo(a)pyrene	UG/L	ND	74	50 U	50 U	55	51
Benzo(g,h,i)perylene	UG/L	50	44	50 U	50 U	43	5 U
Benzo(k)fluoranthene	UG/L	0.002	58	50 U	50 U	36	50
bis(2-Ethylhexyl)phthalate	UG/L	5	NA	NA	NA	NA	NA
Chrysene	UG/L	0.002	51	50 U	190	55	39
Dibenzofuran	UG/L	50	NA	NA	NA	NA	NA
Fluoranthene	UG/L	50	150	50 U	74	130	34
Fluorene	UG/L	50	270	480	180	960	100
Indeno(1,2,3-cd)pyrene	UG/L	0.002	32	50 U	50 U	36	20
Naphthalene	UG/L	10	36	1,300	87	100	75
Phenanthrene	UG/L	50	NA	NA	NA	NA	NA
Phenol	UG/L	1	NA	NA	NA	NA	NA
Pyrene	UG/L	50	170	50 U	71	170	64
Total Carcinogenic PAHs	UG/L	-	253	ND	241	263	203
Total Non-Carcinogenic PAHs	UG/L	-	1,432	2,310	872	5,952	595
Total Polycyclic Aromatic Hydrocarbons	UG/L	-	1,685	2,310	1,113	6,215	798
Total Semivolatile Organic Compounds	UG/L	-	1,685	2,310	1,113	6,215	798
Metals							
Aluminum	UG/L	-	NA	NA	NA	NA	NA

*Criteria- NYSDEC TOGS (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations, April 2000, Class GA.

Flags assigned during chemistry validation are shown.

 Concentration Exceeds Criteria

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Only Detected Results Reported.

Detection Limits shown are PQL

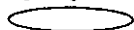
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TABLE 1-3
SUMMARY OF DETECTED HISTORICAL GROUNDWATER ANALYTICAL RESULTS
NYSEG - FORMER TRANSIT STREET MGP SITE
LOCKPORT, NEW YORK

Location ID			MW-08	MW-08	MW-08	MW-08	MW-09
Sample ID			MW-08	MW-08	MW-08	MW-08	MW-09
Matrix			Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)			-	-	-	-	-
Date Sampled			03/12/84	05/15/84	09/17/84	10/09/84	11/07/83
Parameter	Units	Criteria*					
Metals							
Antimony	UG/L	3	NA	NA	NA	NA	NA
Cadmium	UG/L	5	NA	NA	NA	NA	NA
Chromium	UG/L	50	NA	NA	NA	NA	NA
Cobalt	UG/L	-	NA	NA	NA	NA	NA
Copper	UG/L	200	NA	NA	NA	NA	NA
Iron	UG/L	300	NA	NA	NA	NA	NA
Lead	UG/L	25	NA	NA	NA	NA	NA
Manganese	UG/L	300	NA	NA	NA	NA	NA
Nickel	UG/L	100	NA	NA	NA	NA	NA
Zinc	UG/L	2000	NA	NA	NA	NA	NA
Filtered Metals							
Iron	UG/L	300	NA	NA	NA	NA	NA
Lead	UG/L	25	NA	NA	NA	NA	NA
Manganese	UG/L	300	NA	NA	NA	NA	NA
Nickel	UG/L	100	NA	NA	NA	NA	NA
Miscellaneous Parameters							
Total Cyanide	UG/L	200	NA	NA	NA	NA	NA
Cyanide, Amenable To Chlorination	UG/L	-	NA	NA	NA	NA	NA
Phenolics, Total Recoverable	MG/L	0.001	0.008	0.006	0.047	0.005 U	NA
Sulfide	MG/L	0.05	NA	NA	NA	NA	NA

*Criteria- NYSDEC TOGS (1.1.1). Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations. April 2000, Class GA.

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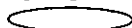
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TABLE 1-3
SUMMARY OF DETECTED HISTORICAL GROUNDWATER ANALYTICAL RESULTS
NYSEG - FORMER TRANSIT STREET MGP SITE
LOCKPORT, NEW YORK

Location ID			MW-09	MW-09	MW-09	MW-09	MW-09
Sample ID			MW-09	MW-09	MW-09	MW-09	MW-09
Matrix			Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)			-	-	-	-	-
Date Sampled			11/28/83	03/14/84	05/16/84	09/18/84	10/10/84
Parameter	Units	Criteria*					
Volatile Organic Compounds							
1,1,1-Trichloroethane	UG/L	5	NA	NA	NA	NA	NA
1,1-Dichloroethane	UG/L	5	NA	NA	NA	NA	NA
1,4-Dichlorobenzene	UG/L	3	2 U	NA	10 U	5 U	10 U
Acetone	UG/L	50	NA	NA	NA	NA	NA
Benzene	UG/L	1	11	NA	5.4	1.6	4.8
Carbon disulfide	UG/L	60	NA	NA	NA	NA	NA
Chloroethane	UG/L	5	NA	NA	NA	NA	NA
Ethylbenzene	UG/L	5	3.0	NA	6.0	1 U	2.1
Methyl tert-butyl ether	UG/L	10	NA	NA	NA	NA	NA
n-Propylbenzene	UG/L	-	1 U	NA	1 U	1 U	1 U
Styrene	UG/L	5	1 U	NA	1 U	1 U	1 U
Toluene	UG/L	5	7	NA	1.5	1 U	1.3
Xylene (total)	UG/L	5	8	NA	15.1	3.2	4.6
Total BTEX	UG/L	-	29	NA	28	4.8	12.8
Total Volatile Organic Compounds	UG/L	-	29	NA	28	4.8	12.8
Semivolatile Organic Compounds							
2,4-Dimethylphenol	UG/L	50	NA	NA	NA	NA	NA
2-Methylnaphthalene	UG/L	50	NA	NA	NA	NA	NA
2-Methylphenol (o-cresol)	UG/L	1	NA	NA	NA	NA	NA
3,4-Benzofluoranthene	UG/L	-	NA	NA	NA	NA	NA
4-Methylphenol (p-cresol)	UG/L	1	NA	NA	NA	NA	NA
Acenaphthene	UG/L	20	72	74	35	50 U	48

*Criteria- NYSDEC TOGS (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations. April 2000, Class GA.

Flags assigned during chemistry validation are shown.



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Detection Limits shown are PQL

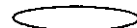
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TABLE 1-3
SUMMARY OF DETECTED HISTORICAL GROUNDWATER ANALYTICAL RESULTS
NYSEG - FORMER TRANSIT STREET MGP SITE
LOCKPORT, NEW YORK

Location ID			MW-09	MW-09	MW-09	MW-09	MW-09
Sample ID			MW-09	MW-09	MW-09	MW-09	MW-09
Matrix			Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)			-	-	-	-	-
Date Sampled			11/28/83	03/14/84	05/16/84	09/18/84	10/10/84
Parameter	Units	Criteria*					
Semivolatile Organic Compounds							
Acenaphthylene	UG/L	50	16	160	56	66	90
Anthracene	UG/L	50	120	300	72	99	180
Benzo(a)anthracene	UG/L	0.002	5 U	15	10 U	50 U	17
Benzo(a)pyrene	UG/L	ND	8	22	10 U	50 U	16
Benzo(g,h,i)perylene	UG/L	50	5 U	10 U	10 U	50 U	5 U
Benzo(k)fluoranthene	UG/L	0.002	5 U	12	10 U	50 U	10
bis(2-Ethylhexyl)phthalate	UG/L	5	NA	NA	NA	NA	NA
Chrysene	UG/L	0.002	11	23	10 U	130	21
Dibenzofuran	UG/L	50	NA	NA	NA	NA	NA
Fluoranthene	UG/L	50	14	92	10	50 U	33
Fluorene	UG/L	50	68	130	56	81	120
Indeno(1,2,3-cd)pyrene	UG/L	0.002	5 U	19	10 U	50 U	7
Naphthalene	UG/L	10	77	110	79	76	76
Phenanthrene	UG/L	50	NA	NA	NA	NA	NA
Phenol	UG/L	1	NA	NA	NA	NA	NA
Pyrene	UG/L	50	17	124	16	50 U	48
Total Carcinogenic PAHs	UG/L	-	19	91	ND	130	71
Total Non-Carcinogenic PAHs	UG/L	-	384	990	324	322	595
Total Polycyclic Aromatic Hydrocarbons	UG/L	-	403	1,081	324	452	666
Total Semivolatile Organic Compounds	UG/L	-	403	1,081	324	452	666
Metals							
Aluminum	UG/L	-	NA	NA	NA	NA	NA

*Criteria- NYSDEC TOGS (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations. April 2000, Class GA.

Flags assigned during chemistry validation are shown.

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Only Detected Results Reported.

Detection Limits shown are PQL

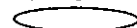
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TABLE 1-3
SUMMARY OF DETECTED HISTORICAL GROUNDWATER ANALYTICAL RESULTS
NYSEG - FORMER TRANSIT STREET MGP SITE
LOCKPORT, NEW YORK

Location ID			MW-09	MW-09	MW-09	MW-09	MW-09
Sample ID			MW-09	MW-09	MW-09	MW-09	MW-09
Matrix			Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)			-	-	-	-	-
Date Sampled			11/28/83	03/14/84	05/16/84	09/18/84	10/10/84
Parameter	Units	Criteria*					
Metals							
Antimony	UG/L	3	NA	NA	NA	NA	NA
Cadmium	UG/L	5	NA	NA	NA	NA	NA
Chromium	UG/L	50	NA	NA	NA	NA	NA
Cobalt	UG/L	-	NA	NA	NA	NA	NA
Copper	UG/L	200	NA	NA	NA	NA	NA
Iron	UG/L	300	NA	NA	NA	NA	NA
Lead	UG/L	25	NA	NA	NA	NA	NA
Manganese	UG/L	300	NA	NA	NA	NA	NA
Nickel	UG/L	100	NA	NA	NA	NA	NA
Zinc	UG/L	2000	NA	NA	NA	NA	NA
Filtered Metals							
Iron	UG/L	300	NA	NA	NA	NA	NA
Lead	UG/L	25	NA	NA	NA	NA	NA
Manganese	UG/L	300	NA	NA	NA	NA	NA
Nickel	UG/L	100	NA	NA	NA	NA	NA
Miscellaneous Parameters							
Total Cyanide	UG/L	200	NA	NA	NA	NA	NA
Cyanide, Amenable To Chlorination	UG/L	-	NA	NA	NA	NA	NA
Phenolics, Total Recoverable	MG/L	0.001	0.005	0.005 U	0.005 U	0.01	0.005 U
Sulfide	MG/L	0.05	NA	NA	NA	NA	NA

*Criteria- NYSDEC TOGS (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations. April 2000, Class GA.

Flags assigned during chemistry validation are shown.

 Concentration Exceeds Criteria

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Only Detected Results Reported.

Detection Limits shown are PQL

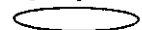
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TABLE 1-3
SUMMARY OF DETECTED HISTORICAL GROUNDWATER ANALYTICAL RESULTS
NYSEG - FORMER TRANSIT STREET MGP SITE
LOCKPORT, NEW YORK

Location ID			MW-10	MW-10	MW-10	MW-10	MW-10
Sample ID			MW-10	MW-10	MW-10	MW-10	MW-10
Matrix			Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)			-	-	-	-	-
Date Sampled			11/28/83	03/13/84	05/16/84	09/20/84	10/12/84
Parameter	Units	Criteria*					
Volatile Organic Compounds							
1,1,1-Trichloroethane	UG/L	5	NA	NA	NA	NA	NA
1,1-Dichloroethane	UG/L	5	NA	NA	NA	NA	NA
1,4-Dichlorobenzene	UG/L	3	1,000 U	NA	100 U	100 U	500 U
Acetone	UG/L	50	NA	NA	NA	NA	NA
Benzene	UG/L	1	6,360	NA	6,000	3,050	2,900
Carbon disulfide	UG/L	60	NA	NA	NA	NA	NA
Chloroethane	UG/L	5	NA	NA	NA	NA	NA
Ethylbenzene	UG/L	5	1,010	NA	150	190	150
Methyl tert-butyl ether	UG/L	10	NA	NA	NA	NA	NA
n-Propylbenzene	UG/L	-	40	NA	10 U	10 U	50 U
Styrene	UG/L	5	420	NA	390	150	140
Toluene	UG/L	5	4,980	NA	5,400	1,600	1,450
Xylene (total)	UG/L	5	3,470	NA	4,200	870	770
Total BTEX	UG/L	-	15,820	NA	15,750	5,710	5,270
Total Volatile Organic Compounds	UG/L	-	16,280	NA	16,140	5,860	5,410
Semivolatile Organic Compounds							
2,4-Dimethylphenol	UG/L	50	NA	NA	NA	NA	NA
2-Methylnaphthalene	UG/L	50	NA	NA	NA	NA	NA
2-Methylphenol (o-cresol)	UG/L	1	NA	NA	NA	NA	NA
3,4-Benzofluoranthene	UG/L	-	NA	NA	NA	NA	NA
4-Methylphenol (p-cresol)	UG/L	1	NA	NA	NA	NA	NA
Acenaphthene	UG/L	20	1,700	240	390	34	77

*Criteria- NYSDEC TOGS (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations. April 2000, Class GA.

Flags assigned during chemistry validation are shown.



Concentration Exceeds Criteria

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NA - Not Analyzed

Only Detected Results Reported.

Detection Limits shown are PQL

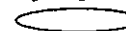
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TABLE 1-3
SUMMARY OF DETECTED HISTORICAL GROUNDWATER ANALYTICAL RESULTS
NYSEG - FORMER TRANSIT STREET MGP SITE
LOCKPORT, NEW YORK

Location ID			MW-10	MW-10	MW-10	MW-10	MW-10
Sample ID			MW-10	MW-10	MW-10	MW-10	MW-10
Matrix			Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)			-	-	-	-	-
Date Sampled			11/28/83	03/13/84	05/16/84	09/20/84	10/12/84
Parameter	Units	Criteria*					
Semivolatile Organic Compounds							
Acenaphthylene	UG/L	50	2,200	100 U	280	71	90
Anthracene	UG/L	50	34,000	2,450	930	64	140
Benzo(a)anthracene	UG/L	0.002	580	100 U	50 U	10 U	22
Benzo(a)pyrene	UG/L	ND	550	100 U	50 U	10 U	20 U
Benzo(g,h,i)perylene	UG/L	50	100 U	100 U	50 U	10 U	20 U
Benzo(k)fluoranthene	UG/L	0.002	310	100 U	50 U	10 U	20 U
bis(2-Ethylhexyl)phthalate	UG/L	5	NA	NA	NA	NA	NA
Chrysene	UG/L	0.002	370	350	50 U	10 U	30
Dibenzofuran	UG/L	50	NA	NA	NA	NA	NA
Fluoranthene	UG/L	50	1,100	220	130	12	67
Fluorene	UG/L	50	1,600	440	370	45	4,400
Indeno(1,2,3-cd)pyrene	UG/L	0.002	100 U	100 U	50 U	10 U	20 U
Naphthalene	UG/L	10	54,000	6,760	3,200	2,800	6,900
Phenanthrene	UG/L	50	NA	NA	NA	NA	NA
Phenol	UG/L	1	NA	NA	NA	NA	NA
Pyrene	UG/L	50	1,200	740	120	9.8	61
Total Carcinogenic PAHs	UG/L	-	1,810	350	ND	ND	52
Total Non-Carcinogenic PAHs	UG/L	-	95,800	10,850	5,420	3,035.8	11,735
Total Polycyclic Aromatic Hydrocarbons	UG/L	-	97,610	11,200	5,420	3,035.8	11,787
Total Semivolatile Organic Compounds	UG/L	-	97,610	11,200	5,420	3,035.8	11,787
Metals							
Aluminum	UG/L	-	NA	NA	NA	NA	NA

*Criteria - NYSDEC TOGS (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations. April 2000, Class GA.

Flags assigned during chemistry validation are shown.

 Concentration Exceeds Criteria

R - The data is rejected. J - The reported concentration is an estimated value.

D - Result reported from a secondary dilution analysis.

U - Not detected above the reported quantitation limit.

NA - Not Analyzed

Only Detected Results Reported.

Detection Limits shown are PQL

Advanced Selection: Transil_Table1-
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TABLE 1-3
SUMMARY OF DETECTED HISTORICAL GROUNDWATER ANALYTICAL RESULTS
NYSEG - FORMER TRANSIT STREET MGP SITE
LOCKPORT, NEW YORK

Location ID			MW-10	MW-10	MW-10	MW-10	MW-10
Sample ID			MW-10	MW-10	MW-10	MW-10	MW-10
Matrix			Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)			-	-	-	-	-
Date Sampled			11/28/83	03/13/84	05/16/84	09/20/84	10/12/84
Parameter	Units	Criteria*					
Metals							
Antimony	UG/L	3	NA	NA	NA	NA	NA
Cadmium	UG/L	5	NA	NA	NA	NA	NA
Chromium	UG/L	50	NA	NA	NA	NA	NA
Cobalt	UG/L	-	NA	NA	NA	NA	NA
Copper	UG/L	200	NA	NA	NA	NA	NA
Iron	UG/L	300	NA	NA	NA	NA	NA
Lead	UG/L	25	NA	NA	NA	NA	NA
Manganese	UG/L	300	NA	NA	NA	NA	NA
Nickel	UG/L	100	NA	NA	NA	NA	NA
Zinc	UG/L	2000	NA	NA	NA	NA	NA
Filtered Metals							
Iron	UG/L	300	NA	NA	NA	NA	NA
Lead	UG/L	25	NA	NA	NA	NA	NA
Manganese	UG/L	300	NA	NA	NA	NA	NA
Nickel	UG/L	100	NA	NA	NA	NA	NA
Miscellaneous Parameters							
Total Cyanide	UG/L	200	NA	NA	NA	NA	NA
Cyanide, Amenable To Chlorination	UG/L	-	NA	NA	NA	NA	NA
Phenolics, Total Recoverable	MG/L	0.001	9.71	4.33	2.89	1.75	2.8
Sulfide	MG/L	0.05	NA	NA	NA	NA	NA

*Criteria- NYSDEC TOGS (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations. April 2000, Class GA.

Flags assigned during chemistry validation are shown.

 Concentration Exceeds Criteria

R - The data is rejected. J - The reported concentration is an estimated value.

D - Result reported from a secondary dilution analysis.

U - Not detected above the reported quantitation limit.

NA - Not Analyzed

Only Detected Results Reported.

Detection Limits shown are PQL

Advanced Selection: Transit_Table1-3
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TABLE 1-3
SUMMARY OF DETECTED HISTORICAL GROUNDWATER ANALYTICAL RESULTS
NYSEG - FORMER TRANSIT STREET MGP SITE
LOCKPORT, NEW YORK

Location ID			MW-11	MW-11	MW-11	MW-11	MW-11
Sample ID			MW-11	MW-11	MW-11	MW-11	MW-11
Matrix			Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)			-	-	-	-	-
Date Sampled			11/28/83	03/12/84	05/16/84	09/18/84	10/10/84
Parameter	Units	Criteria*					
Volatile Organic Compounds							
1,1,1-Trichloroethane	UG/L	5	NA	NA	NA	NA	NA
1,1-Dichloroethane	UG/L	5	NA	NA	NA	NA	NA
1,4-Dichlorobenzene	UG/L	3	1,000 U	NA	100 U	100 U	10 U
Acetone	UG/L	50	NA	NA	NA	NA	NA
Benzene	UG/L	1	1,060	NA	62	600	3.0
Carbon disulfide	UG/L	60	NA	NA	NA	NA	NA
Chloroethane	UG/L	5	NA	NA	NA	NA	NA
Ethylbenzene	UG/L	5	610	NA	10 U	180	1.2
Methyl tert-butyl ether	UG/L	10	NA	NA	NA	NA	NA
n-Propylbenzene	UG/L	-	60	NA	10 U	10 U	1 U
Styrene	UG/L	5	10 U	NA	10 U	10 U	1 U
Toluene	UG/L	5	1,460	NA	16	550	1.0
Xylene (total)	UG/L	5	3,750	NA	1,190	2,700	4.5
Total BTEX	UG/L	-	6,880	NA	1,268	4,030	9.7
Total Volatile Organic Compounds	UG/L	-	6,940	NA	1,268	4,030	9.7
Semivolatile Organic Compounds							
2,4-Dimethylphenol	UG/L	50	NA	NA	NA	NA	NA
2-Methylnaphthalene	UG/L	50	NA	NA	NA	NA	NA
2-Methylphenol (o-cresol)	UG/L	1	NA	NA	NA	NA	NA
3,4-Benzofluoranthene	UG/L	-	NA	NA	NA	NA	NA
4-Methylphenol (p-cresol)	UG/L	1	NA	NA	NA	NA	NA
Acenaphthene	UG/L	20	300	4 U	50 U	55	21

*Criteria- NYSDEC TOGS (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations, April 2000, Class GA.

Flags assigned during chemistry validation are shown.

Concentration Exceeds Criteria

R - The data is rejected. J - The reported concentration is an estimated value.

D - Result reported from a secondary dilution analysis.

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NA - Not Analyzed

Only Detected Results Reported.

Detection Limits shown are PQL

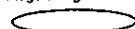
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TABLE 1-3
SUMMARY OF DETECTED HISTORICAL GROUNDWATER ANALYTICAL RESULTS
NYSEG - FORMER TRANSIT STREET MGP SITE
LOCKPORT, NEW YORK

Location ID			MW-11	MW-11	MW-11	MW-11	MW-11
Sample ID			MW-11	MW-11	MW-11	MW-11	MW-11
Matrix			Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)			-	-	-	-	-
Date Sampled			11/28/83	03/12/84	05/16/84	09/18/84	10/10/84
Parameter	Units	Criteria*					
Semivolatile Organic Compounds							
Acenaphthylene	UG/L	50	40 U	4 U	50 U	50 U	9
Anthracene	UG/L	50	920	46	67	93	42
Benzo(a)anthracene	UG/L	0.002	250	8.3	50 U	54	23
Benzo(a)pyrene	UG/L	ND	130	10	50 U	50 U	10
Benzo(g,h,i)perylene	UG/L	50	40 U	4 U	50 U	50 U	5 U
Benzo(k)fluoranthene	UG/L	0.002	69	5.5	50 U	50 U	15
bis(2-Ethylhexyl)phthalate	UG/L	5	NA	NA	NA	NA	NA
Chrysene	UG/L	0.002	270	8.3	50 U	190	39
Dibenzofuran	UG/L	50	NA	NA	NA	NA	NA
Fluoranthene	UG/L	50	340	16	50 U	50 U	22
Fluorene	UG/L	50	400	18	50 U	54	27
Indeno(1,2,3-cd)pyrene	UG/L	0.002	40 U	4 U	50 U	50 U	6
Naphthalene	UG/L	10	420	71	300	300	1,100
Phenanthrene	UG/L	50	NA	NA	NA	NA	NA
Phenol	UG/L	1	NA	NA	NA	NA	NA
Pyrene	UG/L	50	400	24	50 U	47	33
Total Carcinogenic PAHs	UG/L	-	719	32.1	ND	244	93
Total Non-Carcinogenic PAHs	UG/L	-	2,780	175	367	549	1,254
Total Polycyclic Aromatic Hydrocarbons	UG/L	-	3,499	207.1	367	793	1,347
Total Semivolatile Organic Compounds	UG/L	-	3,499	207.1	367	793	1,347
Metals							
Aluminum	UG/L	-	NA	NA	NA	NA	NA

*Criteria- NYSDEC TOGS (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations, April 2000, Class GA.

Flags assigned during chemistry validation are shown.

 Concentration Exceeds Criteria

R - The data is rejected. J - The reported concentration is an estimated value.

D - Result reported from a secondary dilution analysis.

U - Not detected above the reported quantitation limit.

NA - Not Analyzed

Only Detected Results Reported.

Detection Limits shown are PQL

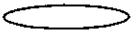
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TABLE 1-3
SUMMARY OF DETECTED HISTORICAL GROUNDWATER ANALYTICAL RESULTS
NYSEG - FORMER TRANSIT STREET MGP SITE
LOCKPORT, NEW YORK

Location ID			MW-11	MW-11	MW-11	MW-11	MW-11
Sample ID			MW-11	MW-11	MW-11	MW-11	MW-11
Matrix			Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)			-	-	-	-	-
Date Sampled			11/28/83	03/12/84	05/16/84	09/18/84	10/10/84
Parameter	Units	Criteria*					
Metals							
Antimony	UG/L	3	NA	NA	NA	NA	NA
Cadmium	UG/L	5	NA	NA	NA	NA	NA
Chromium	UG/L	50	NA	NA	NA	NA	NA
Cobalt	UG/L	-	NA	NA	NA	NA	NA
Copper	UG/L	200	NA	NA	NA	NA	NA
Iron	UG/L	300	NA	NA	NA	NA	NA
Lead	UG/L	25	NA	NA	NA	NA	NA
Manganese	UG/L	300	NA	NA	NA	NA	NA
Nickel	UG/L	100	NA	NA	NA	NA	NA
Zinc	UG/L	2000	NA	NA	NA	NA	NA
Filtered Metals							
Iron	UG/L	300	NA	NA	NA	NA	NA
Lead	UG/L	25	NA	NA	NA	NA	NA
Manganese	UG/L	300	NA	NA	NA	NA	NA
Nickel	UG/L	100	NA	NA	NA	NA	NA
Miscellaneous Parameters							
Total Cyanide	UG/L	200	NA	NA	NA	NA	NA
Cyanide, Amenable To Chlorination	UG/L	-	NA	NA	NA	NA	NA
Phenolics, Total Recoverable	MG/L	0.001	0.057	0.009	0.028	0.044	0.005 U
Sulfide	MG/L	0.05	NA	NA	NA	NA	NA

*Criteria- NYSDEC TOGS (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations. April 2000, Class GA.

Flags assigned during chemistry validation are shown.

 Concentration Exceeds Criteria

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NA - Not Analyzed

Only Detected Results Reported.

Detection Limits shown are PQL

Advanced Selection: Transit_Table1-
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TABLE 1-3
SUMMARY OF DETECTED HISTORICAL GROUNDWATER ANALYTICAL RESULTS
NYSEG - FORMER TRANSIT STREET MGP SITE
LOCKPORT, NEW YORK

Location ID			MW-12	MW-12	MW-12	MW-12	MW-12
Sample ID			MW-12	MW-12	MW-12	MW-12	MW-12
Matrix			Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)			-	-	-	-	-
Date Sampled			11/28/83	03/12/84	05/16/84	09/18/84	10/10/84
Parameter	Units	Criteria*					
Volatile Organic Compounds							
1,1,1-Trichloroethane	UG/L	5	NA	NA	NA	NA	NA
1,1-Dichloroethane	UG/L	5	NA	NA	NA	NA	NA
1,4-Dichlorobenzene	UG/L	3	1,000 U	NA	100 U	5 U	50 U
Acetone	UG/L	50	NA	NA	NA	NA	NA
Benzene	UG/L	1	330	NA	120	11	1 U
Carbon disulfide	UG/L	60	NA	NA	NA	NA	NA
Chloroethane	UG/L	5	NA	NA	NA	NA	NA
Ethylbenzene	UG/L	5	1,340	NA	460	31	5
Methyl tert-butyl ether	UG/L	10	NA	NA	NA	NA	NA
n-Propylbenzene	UG/L	-	90	NA	24	1.5	2.1
Styrene	UG/L	5	100 U	NA	10 U	1 U	1 U
Toluene	UG/L	5	610	NA	170	11	1 U
Xylene (total)	UG/L	5	990	NA	660	44	23.1
Total BTEX	UG/L	-	3,270	NA	1,410	97	28.1
Total Volatile Organic Compounds	UG/L	-	3,360	NA	1,434	98.5	30.2
Semivolatile Organic Compounds							
2,4-Dimethylphenol	UG/L	50	NA	NA	NA	NA	NA
2-Methylnaphthalene	UG/L	50	NA	NA	NA	NA	NA
2-Methylphenol (o-cresol)	UG/L	1	NA	NA	NA	NA	NA
3,4-Benzofluoranthene	UG/L	-	NA	NA	NA	NA	NA
4-Methylphenol (p-cresol)	UG/L	1	NA	NA	NA	NA	NA
Acenaphthene	UG/L	20	37,000	610	1,300	340	1,200

*Criteria- NYSDEC TOGS (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations. April 2000, Class GA.

Flags assigned during chemistry validation are shown.



Concentration Exceeds Criteria

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D - Result reported from a secondary dilution analysis.

U - Not detected above the reported quantitation limit.

NA - Not Analyzed

Only Detected Results Reported.

Detection Limits shown are PQL

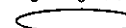
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TABLE 1-3
SUMMARY OF DETECTED HISTORICAL GROUNDWATER ANALYTICAL RESULTS
NYSEG - FORMER TRANSIT STREET MGP SITE
LOCKPORT, NEW YORK

Location ID			MW-12	MW-12	MW-12	MW-12	MW-12
Sample ID			MW-12	MW-12	MW-12	MW-12	MW-12
Matrix			Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)			-	-	-	-	-
Date Sampled			11/28/83	03/12/84	05/16/84	09/18/84	10/10/84
Parameter	Units	Criteria*					
Semivolatile Organic Compounds							
Acenaphthylene	UG/L	50	1,800	120	340	64	83
Anthracene	UG/L	50	97,000	450	1,700	210	140
Benzo(a)anthracene	UG/L	0.002	2,500	270	190	50 U	15
Benzo(a)pyrene	UG/L	ND	2,600	120	220	50 U	4
Benzo(g,h,i)perylene	UG/L	50	590	50 U	50 U	50 U	5 U
Benzo(k)fluoranthene	UG/L	0.002	1,500	240	120	50 U	7
bis(2-Ethylhexyl)phthalate	UG/L	5	NA	NA	NA	NA	NA
Chrysene	UG/L	0.002	1,800	50 U	160	72	25
Dibenzofuran	UG/L	50	NA	NA	NA	NA	NA
Fluoranthene	UG/L	50	4,400	88	390	50 U	23
Fluorene	UG/L	50	7,100	520	1,200	200	160
Indeno(1,2,3-cd)pyrene	UG/L	0.002	660	50 U	56	50 U	5 U
Naphthalene	UG/L	10	37,000	1,110	4,000	6,200	1,900
Phenanthrene	UG/L	50	NA	NA	NA	NA	NA
Phenol	UG/L	1	NA	NA	NA	NA	NA
Pyrene	UG/L	50	5,500	130	540	50 U	29
Total Carcinogenic PAHs	UG/L	-	9,060	630	746	72	51
Total Non-Carcinogenic PAHs	UG/L	-	190,390	3,028	9,470	7,014	3,535
Total Polycyclic Aromatic Hydrocarbons	UG/L	-	199,450	3,658	10,216	7,086	3,586
Total Semivolatile Organic Compounds	UG/L	-	199,450	3,658	10,216	7,086	3,586
Metals							
Aluminum	UG/L	-	NA	NA	NA	NA	NA

*Criteria- NYSDEC TOGS (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations, April 2000, Class GA.

Flags assigned during chemistry validation are shown.

 Concentration Exceeds Criteria

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Only Detected Results Reported.

Detection Limits shown are PQL

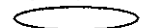
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TABLE 1-3
SUMMARY OF DETECTED HISTORICAL GROUNDWATER ANALYTICAL RESULTS
NYSEG - FORMER TRANSIT STREET MGP SITE
LOCKPORT, NEW YORK

Location ID			MW-12	MW-12	MW-12	MW-12	MW-12
Sample ID			MW-12	MW-12	MW-12	MW-12	MW-12
Matrix			Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)			-	-	-	-	-
Date Sampled			11/28/83	03/12/84	05/16/84	09/18/84	10/10/84
Parameter	Units	Criteria*					
Metals							
Antimony	UG/L	3	NA	NA	NA	NA	NA
Cadmium	UG/L	5	NA	NA	NA	NA	NA
Chromium	UG/L	50	NA	NA	NA	NA	NA
Cobalt	UG/L	-	NA	NA	NA	NA	NA
Copper	UG/L	200	NA	NA	NA	NA	NA
Iron	UG/L	300	NA	NA	NA	NA	NA
Lead	UG/L	25	NA	NA	NA	NA	NA
Manganese	UG/L	300	NA	NA	NA	NA	NA
Nickel	UG/L	100	NA	NA	NA	NA	NA
Zinc	UG/L	2000	NA	NA	NA	NA	NA
Filtered Metals							
Iron	UG/L	300	NA	NA	NA	NA	NA
Lead	UG/L	25	NA	NA	NA	NA	NA
Manganese	UG/L	300	NA	NA	NA	NA	NA
Nickel	UG/L	100	NA	NA	NA	NA	NA
Miscellaneous Parameters							
Total Cyanide	UG/L	200	NA	NA	NA	NA	NA
Cyanide, Amenable To Chlorination	UG/L	-	NA	NA	NA	NA	NA
Phenolics, Total Recoverable	MG/L	0.001	0.021	0.032	0.018	0.077	0.006
Sulfide	MG/L	0.05	NA	NA	NA	NA	NA

*Criteria- NYSDEC TOGS (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations. April 2000, Class GA.

Flags assigned during chemistry validation are shown.



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NA - Not Analyzed

Only Detected Results Reported.

Detection Limits shown are PQL

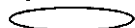
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TABLE 1-3
SUMMARY OF DETECTED HISTORICAL GROUNDWATER ANALYTICAL RESULTS
NYSEG - FORMER TRANSIT STREET MGP SITE
LOCKPORT, NEW YORK

Location ID			MW-13	MW-13	MW-13	MW-13	MW-13
Sample ID			MW-13	MW-13	MW-13	MW-13	MW-13
Matrix			Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)			-	-	-	-	-
Date Sampled			11/07/83	11/28/83	03/13/84	05/16/84	09/18/84
Parameter	Units	Criteria*					
Volatile Organic Compounds							
1,1,1-Trichloroethane	UG/L	5	NA	NA	NA	NA	NA
1,1-Dichloroethane	UG/L	5	NA	NA	NA	NA	NA
1,4-Dichlorobenzene	UG/L	3	NA	10 U	NA	1,000 U	5 U
Acetone	UG/L	50	NA	NA	NA	NA	NA
Benzene	UG/L	1	NA	1 U	NA	1,200	1 U
Carbon disulfide	UG/L	60	NA	NA	NA	NA	NA
Chloroethane	UG/L	5	NA	NA	NA	NA	NA
Ethylbenzene	UG/L	5	NA	1 U	NA	630	1 U
Methyl tert-butyl ether	UG/L	10	NA	NA	NA	NA	NA
n-Propylbenzene	UG/L	-	NA	1 U	NA	100 U	1 U
Styrene	UG/L	5	NA	1 U	NA	100 U	1 U
Toluene	UG/L	5	NA	1 U	NA	870	1 U
Xylene (total)	UG/L	5	NA	1 U	NA	8,300	1 U
Total BTEX	UG/L	-	NA	ND	NA	11,000	ND
Total Volatile Organic Compounds	UG/L	-	NA	ND	NA	11,000	ND
Semivolatile Organic Compounds							
2,4-Dimethylphenol	UG/L	50	NA	NA	NA	NA	NA
2-Methylnaphthalene	UG/L	50	NA	NA	NA	NA	NA
2-Methylphenol (o-cresol)	UG/L	1	NA	NA	NA	NA	NA
3,4-Benzofluoranthene	UG/L	-	NA	NA	NA	NA	NA
4-Methylphenol (p-cresol)	UG/L	1	NA	NA	NA	NA	NA
Acenaphthene	UG/L	20	6	7	4 U	10 U	10 U

*Criteria- NYSDEC TOGS (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations. April 2000, Class GA.

Flags assigned during chemistry validation are shown.



Concentration Exceeds Criteria

R - The data is rejected. J - The reported concentration is an estimated value.

D - Result reported from a secondary dilution analysis.

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NA - Not Analyzed

Only Detected Results Reported.

Detection Limits shown are PQL

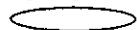
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TABLE 1-3
SUMMARY OF DETECTED HISTORICAL GROUNDWATER ANALYTICAL RESULTS
NYSEG - FORMER TRANSIT STREET MGP SITE
LOCKPORT, NEW YORK

Location ID			MW-13	MW-13	MW-13	MW-13	MW-13
Sample ID			MW-13	MW-13	MW-13	MW-13	MW-13
Matrix			Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)			-	-	-	-	-
Date Sampled			11/07/83	11/28/83	03/13/84	05/16/84	09/18/84
Parameter	Units	Criteria*					
Semivolatile Organic Compounds							
Acenaphthylene	UG/L	50	13	21	4.6	10 U	10 U
Anthracene	UG/L	50	20	2	14	10 U	10 U
Benzo(a)anthracene	UG/L	0.002	5 U	5 U	14	10 U	10 U
Benzo(a)pyrene	UG/L	ND	5 U	5 U	9.9	10 U	10 U
Benzo(g,h,i)perylene	UG/L	50	5 U	5 U	4 U	10 U	10 U
Benzo(k)fluoranthene	UG/L	0.002	5 U	5 U	7.7	10 U	10 U
bis(2-Ethylhexyl)phthalate	UG/L	5	NA	NA	NA	NA	NA
Chrysene	UG/L	0.002	5 U	10 U	4 U	10 U	10 U
Dibenzofuran	UG/L	50	NA	NA	NA	NA	NA
Fluoranthene	UG/L	50	5	7	6.5	10 U	10 U
Fluorene	UG/L	50	28	17	23	10 U	10 U
Indeno(1,2,3-cd)pyrene	UG/L	0.002	5 U	5 U	4 U	10 U	10 U
Naphthalene	UG/L	10	5 U	2	4 U	10 U	10 U
Phenanthrene	UG/L	50	NA	NA	NA	NA	NA
Phenol	UG/L	1	NA	NA	NA	NA	NA
Pyrene	UG/L	50	6	9	9.1	10 U	10 U
Total Carcinogenic PAHs	UG/L	-	ND	ND	31.6	ND	ND
Total Non-Carcinogenic PAHs	UG/L	-	78	65	57.2	ND	ND
Total Polycyclic Aromatic Hydrocarbons	UG/L	-	78	65	88.8	ND	ND
Total Semivolatile Organic Compounds	UG/L	-	78	65	88.8	ND	ND
Metals							
Aluminum	UG/L	-	NA	NA	NA	NA	NA

*Criteria- NYSDEC TOGS (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations. April 2000, Class GA.

Flags assigned during chemistry validation are shown.



Concentration Exceeds Criteria

R - The data is rejected. J - The reported concentration is an estimated value.

D - Result reported from a secondary dilution analysis.

U - Not detected above the reported quantitation limit.

NA - Not Analyzed

Only Detected Results Reported.

Detection Limits shown are PQL

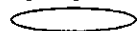
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TABLE 1-3
SUMMARY OF DETECTED HISTORICAL GROUNDWATER ANALYTICAL RESULTS
NYSEG - FORMER TRANSIT STREET MGP SITE
LOCKPORT, NEW YORK

Location ID			MW-13	MW-13	MW-13	MW-13	MW-13
Sample ID			MW-13	MW-13	MW-13	MW-13	MW-13
Matrix			Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)			-	-	-	-	-
Date Sampled			11/07/83	11/28/83	03/13/84	05/16/84	09/18/84
Parameter	Units	Criteria*					
Metals							
Antimony	UG/L	3	NA	NA	NA	NA	NA
Cadmium	UG/L	5	NA	NA	NA	NA	NA
Chromium	UG/L	50	NA	NA	NA	NA	NA
Cobalt	UG/L	-	NA	NA	NA	NA	NA
Copper	UG/L	200	NA	NA	NA	NA	NA
Iron	UG/L	300	NA	NA	NA	NA	NA
Lead	UG/L	25	NA	NA	NA	NA	NA
Manganese	UG/L	300	NA	NA	NA	NA	NA
Nickel	UG/L	100	NA	NA	NA	NA	NA
Zinc	UG/L	2000	NA	NA	NA	NA	NA
Filtered Metals							
Iron	UG/L	300	NA	NA	NA	NA	NA
Lead	UG/L	25	NA	NA	NA	NA	NA
Manganese	UG/L	300	NA	NA	NA	NA	NA
Nickel	UG/L	100	NA	NA	NA	NA	NA
Miscellaneous Parameters							
Total Cyanide	UG/L	200	NA	NA	NA	NA	NA
Cyanide, Amenable To Chlorination	UG/L	-	NA	NA	NA	NA	NA
Phenolics, Total Recoverable	MG/L	0.001	NA	0.006	0.005 U	0.005 U	0.005 U
Sulfide	MG/L	0.05	NA	NA	NA	NA	NA

*Criteria- NYSDEC TOGS (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations. April 2000, Class GA.

Flags assigned during chemistry validation are shown.

 Concentration Exceeds Criteria

R - The data is rejected. J - The reported concentration is an estimated value.

D - Result reported from a secondary dilution analysis.

U - Not detected above the reported quantitation limit.

NA - Not Analyzed

Only Detected Results Reported.

Detection Limits shown are PQL

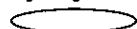
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TABLE 1-3
SUMMARY OF DETECTED HISTORICAL GROUNDWATER ANALYTICAL RESULTS
NYSEG - FORMER TRANSIT STREET MGP SITE
LOCKPORT, NEW YORK

Location ID			MW-13	MW-14	MW-14	MW-14	MW-14
Sample ID			MW-13	MW-14	MW-14	MW-14	MW-14
Matrix			Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)			-	-	-	-	-
Date Sampled			10/09/84	11/28/83	03/14/84	05/16/84	09/19/84
Parameter	Units	Criteria*					
Volatile Organic Compounds							
1,1,1-Trichloroethane	UG/L	5	NA	NA	NA	NA	NA
1,1-Dichloroethane	UG/L	5	NA	NA	NA	NA	NA
1,4-Dichlorobenzene	UG/L	3	10 U	10 U	NA	5 U	5 U
Acetone	UG/L	50	NA	NA	NA	NA	NA
Benzene	UG/L	1	1 U	1	NA	1 U	1 U
Carbon disulfide	UG/L	60	NA	NA	NA	NA	NA
Chloroethane	UG/L	5	NA	NA	NA	NA	NA
Ethylbenzene	UG/L	5	1 U	1 U	NA	1 U	1 U
Methyl tert-butyl ether	UG/L	10	NA	NA	NA	NA	NA
n-Propylbenzene	UG/L	-	1 U	1 U	NA	1 U	1 U
Styrene	UG/L	5	1 U	1 U	NA	1 U	1 U
Toluene	UG/L	5	1 U	7	NA	1 U	1 U
Xylene (total)	UG/L	5	1 U	1 U	NA	1 U	1 U
Total BTEX	UG/L	-	ND	8	NA	ND	ND
Total Volatile Organic Compounds	UG/L	-	ND	8	NA	ND	ND
Semivolatile Organic Compounds							
2,4-Dimethylphenol	UG/L	50	NA	NA	NA	NA	NA
2-Methylnaphthalene	UG/L	50	NA	NA	NA	NA	NA
2-Methylphenol (o-cresol)	UG/L	1	NA	NA	NA	NA	NA
3,4-Benzofluoranthene	UG/L	-	NA	NA	NA	NA	NA
4-Methylphenol (p-cresol)	UG/L	1	NA	NA	NA	NA	NA
Acenaphthene	UG/L	20	5 U	5 U	4 U	42	10 U

*Criteria- NYSDEC TOGS (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations. April 2000, Class GA.

Flags assigned during chemistry validation are shown.

 Concentration Exceeds Criteria

R - The data is rejected. J - The reported concentration is an estimated value.

D - Result reported from a secondary dilution analysis.

U - Not detected above the reported quantitation limit.

NA - Not Analyzed

Only Detected Results Reported.

Detection Limits shown are PQL

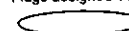
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TABLE 1-3
SUMMARY OF DETECTED HISTORICAL GROUNDWATER ANALYTICAL RESULTS
NYSEG - FORMER TRANSIT STREET MGP SITE
LOCKPORT, NEW YORK

Location ID			MW-13	MW-14	MW-14	MW-14	MW-14
Sample ID			MW-13	MW-14	MW-14	MW-14	MW-14
Matrix			Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)			-	-	-	-	-
Date Sampled			10/09/84	11/28/83	03/14/84	05/16/84	09/19/84
Parameter	Units	Criteria*					
Semivolatile Organic Compounds							
Acenaphthylene	UG/L	50	5 U	5 U	4 U	23	10 U
Anthracene	UG/L	50	5 U	5 U	4 U	33	10 U
Benzo(a)anthracene	UG/L	0.002	5 U	5 U	4 U	10 U	24
Benzo(a)pyrene	UG/L	ND	5 U	5 U	4 U	10 U	10 U
Benzo(g,h,i)perylene	UG/L	50	5 U	5 U	4 U	10 U	10 U
Benzo(k)fluoranthene	UG/L	0.002	5 U	5 U	4 U	10 U	10 U
bis(2-Ethylhexyl)phthalate	UG/L	5	NA	NA	NA	NA	NA
Chrysene	UG/L	0.002	5 U	10 U	4 U	10 U	140
Dibenzofuran	UG/L	50	NA	NA	NA	NA	NA
Fluoranthene	UG/L	50	5 U	3.0	4 U	10	10 U
Fluorene	UG/L	50	5 U	5 U	4 U	58	10 U
Indeno(1,2,3-cd)pyrene	UG/L	0.002	5 U	5 U	4 U	10 U	10 U
Naphthalene	UG/L	10	5 U	5 U	4 U	10 U	10 U
Phenanthrene	UG/L	50	NA	NA	NA	NA	NA
Phenol	UG/L	1	NA	NA	NA	NA	NA
Pyrene	UG/L	50	5 U	3.0	4 U	19	10 U
Total Carcinogenic PAHs	UG/L	-	ND	ND	ND	ND	164
Total Non-Carcinogenic PAHs	UG/L	-	ND	6	ND	185	ND
Total Polycyclic Aromatic Hydrocarbons	UG/L	-	ND	6	ND	185	164
Total Semivolatile Organic Compounds	UG/L	-	ND	6	ND	185	164
Metals							
Aluminum	UG/L	-	NA	NA	NA	NA	NA

*Criteria- NYSDEC TOGS (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations, April 2000, Class GA.

Flags assigned during chemistry validation are shown.

 Concentration Exceeds Criteria

R - The data is rejected. J - The reported concentration is an estimated value.

D - Result reported from a secondary dilution analysis.

U - Not detected above the reported quantitation limit.

NA - Not Analyzed

Only Detected Results Reported.

Detection Limits shown are PQL

Advanced Selection: Transil_Table1-
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TABLE 1-3
SUMMARY OF DETECTED HISTORICAL GROUNDWATER ANALYTICAL RESULTS
NYSEG - FORMER TRANSIT STREET MGP SITE
LOCKPORT, NEW YORK

Location ID			MW-13	MW-14	MW-14	MW-14	MW-14
Sample ID			MW-13	MW-14	MW-14	MW-14	MW-14
Matrix			Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)			-	-	-	-	-
Date Sampled			10/09/84	11/28/83	03/14/84	05/16/84	09/19/84
Parameter	Units	Criteria*					
Metals							
Antimony	UG/L	3	NA	NA	NA	NA	NA
Cadmium	UG/L	5	NA	NA	NA	NA	NA
Chromium	UG/L	50	NA	NA	NA	NA	NA
Cobalt	UG/L	-	NA	NA	NA	NA	NA
Copper	UG/L	200	NA	NA	NA	NA	NA
Iron	UG/L	300	NA	NA	NA	NA	NA
Lead	UG/L	25	NA	NA	NA	NA	NA
Manganese	UG/L	300	NA	NA	NA	NA	NA
Nickel	UG/L	100	NA	NA	NA	NA	NA
Zinc	UG/L	2000	NA	NA	NA	NA	NA
Filtered Metals							
Iron	UG/L	300	NA	NA	NA	NA	NA
Lead	UG/L	25	NA	NA	NA	NA	NA
Manganese	UG/L	300	NA	NA	NA	NA	NA
Nickel	UG/L	100	NA	NA	NA	NA	NA
Miscellaneous Parameters							
Total Cyanide	UG/L	200	NA	NA	NA	NA	NA
Cyanide, Amenable To Chlorination	UG/L	-	NA	NA	NA	NA	NA
Phenolics, Total Recoverable	MG/L	0.001	0.005 U	0.007	0.005 U	0.005 U	0.005 U
Sulfide	MG/L	0.05	NA	NA	NA	NA	NA

*Criteria- NYSDEC TOGS (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations. April 2000, Class GA.

Flags assigned during chemistry validation are shown.

 Concentration Exceeds Criteria

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D - Result reported from a secondary dilution analysis.

U - Not detected above the reported quantitation limit.

NA - Not Analyzed

Only Detected Results Reported.

Detection Limits shown are PQL

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TABLE 1-3
SUMMARY OF DETECTED HISTORICAL GROUNDWATER ANALYTICAL RESULTS
NYSEG - FORMER TRANSIT STREET MGP SITE
LOCKPORT, NEW YORK

Location ID			MW-14	MW-15	MW-15	MW-15	MW-16
Sample ID			MW-14	MW-15	MW-15	MW-15	MW-16
Matrix			Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)			-	-	-	-	-
Date Sampled			10/11/84	05/15/84	09/20/84	10/09/84	11/28/83
Parameter	Units	Criteria*					
Volatile Organic Compounds							
1,1,1-Trichloroethane	UG/L	5	NA	NA	NA	NA	NA
1,1-Dichloroethane	UG/L	5	NA	NA	NA	NA	NA
1,4-Dichlorobenzene	UG/L	3	10 U	100 U	5 U	10 U	100 U
Acetone	UG/L	50	NA	NA	NA	NA	NA
Benzene	UG/L	1	1 U	49	4.6	4.8	2
Carbon disulfide	UG/L	60	NA	NA	NA	NA	NA
Chloroethane	UG/L	5	NA	NA	NA	NA	NA
Ethylbenzene	UG/L	5	1 U	420	1 U	1 U	26
Methyl tert-butyl ether	UG/L	10	NA	NA	NA	NA	NA
n-Propylbenzene	UG/L	-	1 U	1,000	1 U	1 U	1 U
Styrene	UG/L	5	1 U	1,100	1 U	1 U	1 U
Toluene	UG/L	5	1 U	210	1 U	1 U	3.0
Xylene (total)	UG/L	5	1 U	2,070	13	8	29
Total BTEX	UG/L	-	ND	2,749	17.6	12.8	60
Total Volatile Organic Compounds	UG/L	-	ND	4,849	17.6	12.8	60
Semivolatile Organic Compounds							
2,4-Dimethylphenol	UG/L	50	NA	NA	NA	NA	NA
2-Methylnaphthalene	UG/L	50	NA	NA	NA	NA	NA
2-Methylphenol (o-cresol)	UG/L	1	NA	NA	NA	NA	NA
3,4-Benzofluoranthene	UG/L	-	NA	NA	NA	NA	NA
4-Methylphenol (p-cresol)	UG/L	1	NA	NA	NA	NA	NA
Acenaphthene	UG/L	20	20 U	2,070	440	120	5 U

*Criteria- NYSDEC TOGS (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations, April 2000, Class GA.

Flags assigned during chemistry validation are shown.

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D - Result reported from a secondary dilution analysis.

U - Not detected above the reported quantitation limit.

NA - Not Analyzed

Only Detected Results Reported.

Detection Limits shown are PQL.

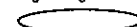
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TABLE 1-3
SUMMARY OF DETECTED HISTORICAL GROUNDWATER ANALYTICAL RESULTS
NYSEG - FORMER TRANSIT STREET MGP SITE
LOCKPORT, NEW YORK

Location ID			MW-14	MW-15	MW-15	MW-15	MW-16
Sample ID			MW-14	MW-15	MW-15	MW-15	MW-16
Matrix			Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)			-	-	-	-	-
Date Sampled			10/11/84	05/15/84	09/20/84	10/09/84	11/28/83
Parameter	Units	Criteria*					
Semivolatile Organic Compounds							
Acenaphthylene	UG/L	50	20 U	1,090	180	44	5 U
Anthracene	UG/L	50	20 U	2,820	520	54	5 U
Benzo(a)anthracene	UG/L	0.002	20 U	50 U	20 U	5 U	5 U
Benzo(a)pyrene	UG/L	ND	20 U	50 U	20 U	5 U	5 U
Benzo(g,h,i)perylene	UG/L	50	20 U	50 U	20 U	5 U	5 U
Benzo(k)fluoranthene	UG/L	0.002	20 U	50 U	20 U	5 U	5 U
bis(2-Ethylhexyl)phthalate	UG/L	5	NA	NA	NA	NA	NA
Chrysene	UG/L	0.002	20 U	50 U	20 U	11	10 U
Dibenzofuran	UG/L	50	NA	NA	NA	NA	NA
Fluoranthene	UG/L	50	20 U	430	20 U	5 U	5 U
Fluorene	UG/L	50	170	3,960	780	180	5 U
Indeno(1,2,3-cd)pyrene	UG/L	0.002	20 U	50 U	20 U	5 U	5 U
Naphthalene	UG/L	10	20 U	560	30	30	5 U
Phenanthrene	UG/L	50	NA	NA	NA	NA	NA
Phenol	UG/L	1	NA	NA	NA	NA	NA
Pyrene	UG/L	50	20 U	50 U	20 U	5 U	5 U
Total Carcinogenic PAHs	UG/L	-	ND	ND	ND	11	ND
Total Non-Carcinogenic PAHs	UG/L	-	170	10,930	1,950	428	ND
Total Polycyclic Aromatic Hydrocarbons	UG/L	-	170	10,930	1,950	439	ND
Total Semivolatile Organic Compounds	UG/L	-	170	10,930	1,950	439	ND
Metals							
Aluminum	UG/L	-	NA	NA	NA	NA	NA

*Criteria- NYSDEC TOGS (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations, April 2000, Class GA.

Flags assigned during chemistry validation are shown.

 Concentration Exceeds Criteria

R - The data is rejected. J - The reported concentration is an estimated value.

D - Result reported from a secondary dilution analysis.

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NA - Not Analyzed

Only Detected Results Reported.

Detection Limits shown are PQL

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TABLE 1-3
SUMMARY OF DETECTED HISTORICAL GROUNDWATER ANALYTICAL RESULTS
NYSEG - FORMER TRANSIT STREET MGP SITE
LOCKPORT, NEW YORK

Location ID			MW-14	MW-15	MW-15	MW-15	MW-16
Sample ID			MW-14	MW-15	MW-15	MW-15	MW-16
Matrix			Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)			-	-	-	-	-
Date Sampled			10/11/84	05/15/84	09/20/84	10/09/84	11/28/83
Parameter	Units	Criteria*					
Metals							
Antimony	UG/L	3	NA	NA	NA	NA	NA
Cadmium	UG/L	5	NA	NA	NA	NA	NA
Chromium	UG/L	50	NA	NA	NA	NA	NA
Cobalt	UG/L	-	NA	NA	NA	NA	NA
Copper	UG/L	200	NA	NA	NA	NA	NA
Iron	UG/L	300	NA	NA	NA	NA	NA
Lead	UG/L	25	NA	NA	NA	NA	NA
Manganese	UG/L	300	NA	NA	NA	NA	NA
Nickel	UG/L	100	NA	NA	NA	NA	NA
Zinc	UG/L	2000	NA	NA	NA	NA	NA
Filtered Metals							
Iron	UG/L	300	NA	NA	NA	NA	NA
Lead	UG/L	25	NA	NA	NA	NA	NA
Manganese	UG/L	300	NA	NA	NA	NA	NA
Nickel	UG/L	100	NA	NA	NA	NA	NA
Miscellaneous Parameters							
Total Cyanide	UG/L	200	NA	NA	NA	NA	NA
Cyanide, Amenable To Chlorination	UG/L	-	NA	NA	NA	NA	NA
Phenolics, Total Recoverable	MG/L	0.001	0.005 U	0.006	0.008	0.005 U	0.008
Sulfide	MG/L	0.05	NA	NA	NA	NA	NA

*Criteria- NYSDEC TOGS (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations. April 2000, Class GA.

Flags assigned during chemistry validation are shown.



Concentration Exceeds Criteria

R - The data is rejected. J - The reported concentration is an estimated value.

D - Result reported from a secondary dilution analysis.

U - Not detected above the reported quantitation limit.

NA - Not Analyzed

Only Detected Results Reported.

Detection Limits shown are PQL

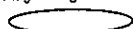
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Printed: 4/9/2006 2:11:01 PM
[SITEID] = '01' AND [MATRIX] = 'wg' AND [LOGDATE] < 4/21/2006

TABLE 1-3
SUMMARY OF DETECTED HISTORICAL GROUNDWATER ANALYTICAL RESULTS
NYSEG - FORMER TRANSIT STREET MGP SITE
LOCKPORT, NEW YORK

Location ID			MW-16	MW-16	MW-16	MW-16	MW-17
Sample ID			MW-16	MW-16	MW-16	MW-16	MW-17
Matrix			Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)			-	-	-	-	-
Date Sampled			03/12/84	05/15/84	09/17/84	10/09/84	11/28/83
Parameter	Units	Criteria*					
Volatile Organic Compounds							
1,1,1-Trichloroethane	UG/L	5	NA	NA	NA	NA	NA
1,1-Dichloroethane	UG/L	5	NA	NA	NA	NA	NA
1,4-Dichlorobenzene	UG/L	3	NA	10 U	5 U	10 U	10,000 U
Acetone	UG/L	50	NA	NA	NA	NA	NA
Benzene	UG/L	1	NA	1.5	1 U	1 U	2,300
Carbon disulfide	UG/L	60	NA	NA	NA	NA	NA
Chloroethane	UG/L	5	NA	NA	NA	NA	NA
Ethylbenzene	UG/L	5	NA	17	1 U	1 U	4,800
Methyl tert-butyl ether	UG/L	10	NA	NA	NA	NA	NA
n-Propylbenzene	UG/L	-	NA	1 U	1 U	1 U	3,900
Styrene	UG/L	5	NA	1 U	1 U	1 U	1,000 U
Toluene	UG/L	5	NA	1.7	1 U	1 U	11,400
Xylene (total)	UG/L	5	NA	21.8	7.6	1 U	31,700
Total BTEX	UG/L	-	NA	42	7.6	ND	50,200
Total Volatile Organic Compounds	UG/L	-	NA	42	7.6	ND	54,100
Semivolatile Organic Compounds							
2,4-Dimethylphenol	UG/L	50	NA	NA	NA	NA	NA
2-Methylnaphthalene	UG/L	50	NA	NA	NA	NA	NA
2-Methylphenol (o-cresol)	UG/L	1	NA	NA	NA	NA	NA
3,4-Benzofluoranthene	UG/L	-	NA	NA	NA	NA	NA
4-Methylphenol (p-cresol)	UG/L	1	NA	NA	NA	NA	NA
Acenaphthene	UG/L	20	120	10 U	10 U	5 U	4,700

*Criteria- NYSDEC TOGS (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations, April 2000, Class GA.

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 Concentration Exceeds Criteria

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NA - Not Analyzed

Only Detected Results Reported.

Detection Limits shown are PQL

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TABLE 1-3
SUMMARY OF DETECTED HISTORICAL GROUNDWATER ANALYTICAL RESULTS
NYSEG - FORMER TRANSIT STREET MGP SITE
LOCKPORT, NEW YORK

Location ID			MW-16	MW-16	MW-16	MW-16	MW-17
Sample ID			MW-16	MW-16	MW-16	MW-16	MW-17
Matrix			Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)			-	-	-	-	-
Date Sampled			03/12/84	05/15/84	09/17/84	10/09/84	11/28/83
Parameter	Units	Criteria*					
Semivolatile Organic Compounds							
Acenaphthylene	UG/L	50	110	10 U	10 U	5 U	2,400
Anthracene	UG/L	50	100	10 U	10 U	5 U	3,400
Benzo(a)anthracene	UG/L	0.002	7.7	10 U	10 U	5 U	180
Benzo(a)pyrene	UG/L	ND	12	10 U	10 U	5 U	100 U
Benzo(g,h,i)perylene	UG/L	50	4 U	10 U	10 U	5 U	100 U
Benzo(k)fluoranthene	UG/L	0.002	95	10 U	10 U	5 U	120
bis(2-Ethylhexyl)phthalate	UG/L	5	NA	NA	NA	NA	NA
Chrysene	UG/L	0.002	12	10 U	32	5 U	160
Dibenzofuran	UG/L	50	NA	NA	NA	NA	NA
Fluoranthene	UG/L	50	25	10 U	10 U	5 U	460
Fluorene	UG/L	50	94	59	10 U	5 U	2,600
Indeno(1,2,3-cd)pyrene	UG/L	0.002	4 U	10 U	10 U	5 U	100 U
Naphthalene	UG/L	10	4.6	29	10 U	5 U	47,000
Phenanthrene	UG/L	50	NA	NA	NA	NA	NA
Phenol	UG/L	1	NA	NA	NA	NA	NA
Pyrene	UG/L	50	31	10 U	10 U	5 U	3,700
Total Carcinogenic PAHs	UG/L	-	126.7	ND	32	ND	460
Total Non-Carcinogenic PAHs	UG/L	-	484.6	88	ND	ND	64,260
Total Polycyclic Aromatic Hydrocarbons	UG/L	-	611.3	88	32	ND	64,720
Total Semivolatile Organic Compounds	UG/L	-	611.3	88	32	ND	64,720
Metals							
Aluminum	UG/L	-	NA	NA	NA	NA	NA

*Criteria- NYSDEC TOGS (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations. April 2000, Class GA.

Flags assigned during chemistry validation are shown.

 Concentration Exceeds Criteria

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D - Result reported from a secondary dilution analysis.

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NA - Not Analyzed

Only Detected Results Reported.

Detection Limits shown are PQL

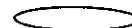
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TABLE 1-3
SUMMARY OF DETECTED HISTORICAL GROUNDWATER ANALYTICAL RESULTS
NYSEG - FORMER TRANSIT STREET MGP SITE
LOCKPORT, NEW YORK

Location ID			MW-16	MW-16	MW-16	MW-16	MW-17
Sample ID			MW-16	MW-16	MW-16	MW-16	MW-17
Matrix			Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)			-	-	-	-	-
Date Sampled			03/12/84	05/15/84	09/17/84	10/09/84	11/28/83
Parameter	Units	Criteria*					
Metals							
Antimony	UG/L	3	NA	NA	NA	NA	NA
Cadmium	UG/L	5	NA	NA	NA	NA	NA
Chromium	UG/L	50	NA	NA	NA	NA	NA
Cobalt	UG/L	-	NA	NA	NA	NA	NA
Copper	UG/L	200	NA	NA	NA	NA	NA
Iron	UG/L	300	NA	NA	NA	NA	NA
Lead	UG/L	25	NA	NA	NA	NA	NA
Manganese	UG/L	300	NA	NA	NA	NA	NA
Nickel	UG/L	100	NA	NA	NA	NA	NA
Zinc	UG/L	2000	NA	NA	NA	NA	NA
Filtered Metals							
Iron	UG/L	300	NA	NA	NA	NA	NA
Lead	UG/L	25	NA	NA	NA	NA	NA
Manganese	UG/L	300	NA	NA	NA	NA	NA
Nickel	UG/L	100	NA	NA	NA	NA	NA
Miscellaneous Parameters							
Total Cyanide	UG/L	200	NA	NA	NA	NA	NA
Cyanide, Amenable To Chlorination	UG/L	-	NA	NA	NA	NA	NA
Phenolics, Total Recoverable	MG/L	0.001	0.007	0.005	0.006	0.005 U	0.151
Sulfide	MG/L	0.05	NA	NA	NA	NA	NA

*Criteria- NYSDEC TOGS (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations. April 2000, Class GA.

Flags assigned during chemistry validation are shown.

 Concentration Exceeds Criteria

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Only Detected Results Reported.

Detection Limits shown are PQL

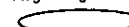
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TABLE 1-3
SUMMARY OF DETECTED HISTORICAL GROUNDWATER ANALYTICAL RESULTS
NYSEG - FORMER TRANSIT STREET MGP SITE
LOCKPORT, NEW YORK

Location ID			MW-17	MW-17	MW-17	MW-17	MW-18
Sample ID			MW-17	MW-17	MW-17	MW-17	MW-18
Matrix			Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)			-	-	-	-	-
Date Sampled			03/14/84	05/16/84	09/19/84	10/11/84	09/20/84
Parameter	Units	Criteria*					
Volatile Organic Compounds							
1,1,1-Trichloroethane	UG/L	5	NA	NA	NA	NA	NA
1,1-Dichloroethane	UG/L	5	NA	NA	NA	NA	NA
1,4-Dichlorobenzene	UG/L	3	NA	5 U	500 U	500 U	5 U
Acetone	UG/L	50	NA	NA	NA	NA	NA
Benzene	UG/L	1	NA	1 U	990	730	1 U
Carbon disulfide	UG/L	60	NA	NA	NA	NA	NA
Chloroethane	UG/L	5	NA	NA	NA	NA	NA
Ethylbenzene	UG/L	5	NA	1 U	1,300	95	1.4
Methyl tert-butyl ether	UG/L	10	NA	NA	NA	NA	NA
n-Propylbenzene	UG/L	-	NA	1 U	700	21	1 U
Styrene	UG/L	5	NA	1 U	100 U	10 U	1 U
Toluene	UG/L	5	NA	1 U	5,500	1,660	1 U
Xylene (total)	UG/L	5	NA	1 U	7,400	1,930	1 U
Total BTEX	UG/L	-	NA	ND	15,190	4,415	1.4
Total Volatile Organic Compounds	UG/L	-	NA	ND	15,890	4,436	1.4
Semivolatile Organic Compounds							
2,4-Dimethylphenol	UG/L	50	NA	NA	NA	NA	NA
2-Methylnaphthalene	UG/L	50	NA	NA	NA	NA	NA
2-Methylphenol (o-cresol)	UG/L	1	NA	NA	NA	NA	NA
3,4-Benzofluoranthene	UG/L	-	NA	NA	NA	NA	NA
4-Methylphenol (p-cresol)	UG/L	1	NA	NA	NA	NA	NA
Acenaphthene	UG/L	20	50 U	200	400	41	13

*Criteria- NYSDEC TOGS (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations. April 2000, Class GA.

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 Concentration Exceeds Criteria

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Only Detected Results Reported.

Detection Limits shown are PQL

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TABLE 1-3
SUMMARY OF DETECTED HISTORICAL GROUNDWATER ANALYTICAL RESULTS
NYSEG - FORMER TRANSIT STREET MGP SITE
LOCKPORT, NEW YORK

Location ID			MW-17	MW-17	MW-17	MW-17	MW-18
Sample ID			MW-17	MW-17	MW-17	MW-17	MW-18
Matrix			Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)			-	-	-	-	-
Date Sampled			03/14/84	05/16/84	09/19/84	10/11/84	09/20/84
Parameter	Units	Criteria*					
Semivolatile Organic Compounds							
Acenaphthylene	UG/L	50	50 U	120	120	34	10 U
Anthracene	UG/L	50	50 U	23	340	120	10 U
Benzo(a)anthracene	UG/L	0.002	50 U	20 U	130	42	10 U
Benzo(a)pyrene	UG/L	ND	50 U	20 U	50 U	20 U	10 U
Benzo(g,h,i)perylene	UG/L	50	50 U	20 U	50 U	20 U	10 U
Benzo(k)fluoranthene	UG/L	0.002	50 U	20 U	50 U	20 U	10 U
bis(2-Ethylhexyl)phthalate	UG/L	5	NA	NA	NA	NA	NA
Chrysene	UG/L	0.002	50 U	20 U	410	52	290
Dibenzofuran	UG/L	50	NA	NA	NA	NA	NA
Fluoranthene	UG/L	50	50 U	20 U	210	51	10 U
Fluorene	UG/L	50	50 U	210	50 U	690	10 U
Indeno(1,2,3-cd)pyrene	UG/L	0.002	50 U	20 U	50 U	20 U	10 U
Naphthalene	UG/L	10	1,090	2,500	130	1,100	10 U
Phenanthrene	UG/L	50	NA	NA	NA	NA	NA
Phenol	UG/L	1	NA	NA	NA	NA	NA
Pyrene	UG/L	50	50 U	20 U	82	54	10 U
Total Carcinogenic PAHs	UG/L	-	ND	ND	540	94	290
Total Non-Carcinogenic PAHs	UG/L	-	1,090	3,053	1,282	2,090	13
Total Polycyclic Aromatic Hydrocarbons	UG/L	-	1,090	3,053	1,822	2,184	303
Total Semivolatile Organic Compounds	UG/L	-	1,090	3,053	1,822	2,184	303
Metals							
Aluminum	UG/L	-	NA	NA	NA	NA	NA

*Criteria- NYSDEC TOGS (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations. April 2000, Class GA.

Flags assigned during chemistry validation are shown.

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NA - Not Analyzed

Only Detected Results Reported.

Detection Limits shown are PQL

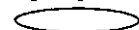
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TABLE 1-3
SUMMARY OF DETECTED HISTORICAL GROUNDWATER ANALYTICAL RESULTS
NYSEG - FORMER TRANSIT STREET MGP SITE
LOCKPORT, NEW YORK

Location ID			MW-17	MW-17	MW-17	MW-17	MW-18
Sample ID			MW-17	MW-17	MW-17	MW-17	MW-18
Matrix			Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)			-	-	-	-	-
Date Sampled			03/14/84	05/16/84	09/19/84	10/11/84	09/20/84
Parameter	Units	Criteria*					
Metals							
Antimony	UG/L	3	NA	NA	NA	NA	NA
Cadmium	UG/L	5	NA	NA	NA	NA	NA
Chromium	UG/L	50	NA	NA	NA	NA	NA
Cobalt	UG/L	-	NA	NA	NA	NA	NA
Copper	UG/L	200	NA	NA	NA	NA	NA
Iron	UG/L	300	NA	NA	NA	NA	NA
Lead	UG/L	25	NA	NA	NA	NA	NA
Manganese	UG/L	300	NA	NA	NA	NA	NA
Nickel	UG/L	100	NA	NA	NA	NA	NA
Zinc	UG/L	2000	NA	NA	NA	NA	NA
Filtered Metals							
Iron	UG/L	300	NA	NA	NA	NA	NA
Lead	UG/L	25	NA	NA	NA	NA	NA
Manganese	UG/L	300	NA	NA	NA	NA	NA
Nickel	UG/L	100	NA	NA	NA	NA	NA
Miscellaneous Parameters							
Total Cyanide	UG/L	200	NA	NA	NA	NA	NA
Cyanide, Amenable To Chlorination	UG/L	-	NA	NA	NA	NA	NA
Phenolics, Total Recoverable	MG/L	0.001	0.056	0.029	0.095	0.038	0.006
Sulfide	MG/L	0.05	NA	NA	NA	NA	NA

*Criteria- NYSDC TOGS (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations. April 2000, Class GA.

Flags assigned during chemistry validation are shown.



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Only Detected Results Reported.

Detection Limits shown are PQL

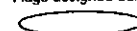
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TABLE 1-3
SUMMARY OF DETECTED HISTORICAL GROUNDWATER ANALYTICAL RESULTS
NYSEG - FORMER TRANSIT STREET MGP SITE
LOCKPORT, NEW YORK

Location ID			MW-18	MW-19	MW-19	SMW-01D	SMW-01D
Sample ID			MW-18	MW-19	MW-19	SMW-01D	SMW-01D
Matrix			Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)			-	-	-	-	-
Date Sampled			10/10/84	09/20/84	10/10/84	01/01/92	05/01/92
Parameter	Units	Criteria*					
Volatile Organic Compounds							
1,1,1-Trichloroethane	UG/L	5	NA	NA	NA	5 U	1 U
1,1-Dichloroethane	UG/L	5	NA	NA	NA	5 U	1 U
1,4-Dichlorobenzene	UG/L	3	10 U	5 U	10 U	NA	NA
Acetone	UG/L	50	NA	NA	NA	50 U	2 U
Benzene	UG/L	1	7.3	1 U	1 U	5 U	1.4
Carbon disulfide	UG/L	60	NA	NA	NA	5 U	1 U
Chloroethane	UG/L	5	NA	NA	NA	10 U	2 U
Ethylbenzene	UG/L	5	2.1	1 U	1.1	5 U	1 U
Methyl tert-butyl ether	UG/L	10	NA	NA	NA	1 U	1 U
n-Propylbenzene	UG/L	-	1 U	1 U	1 U	NA	NA
Styrene	UG/L	5	1 U	1 U	1 U	5 U	1 U
Toluene	UG/L	5	1 U	1.1	1 U	5 U	1 U
Xylene (total)	UG/L	5	3.5	1.8	2.1	5 U	1 U
Total BTEX	UG/L	-	12.9	2.9	3.2	ND	1.4
Total Volatile Organic Compounds	UG/L	-	12.9	2.9	3.2	ND	1.4
Semivolatile Organic Compounds							
2,4-Dimethylphenol	UG/L	50	NA	NA	NA	10 U	10 U
2-Methylnaphthalene	UG/L	50	NA	NA	NA	10 U	10 U
2-Methylphenol (o-cresol)	UG/L	1	NA	NA	NA	10 U	10 U
3,4-Benzofluoranthene	UG/L	-	NA	NA	NA	NA	NA
4-Methylphenol (p-cresol)	UG/L	1	NA	NA	NA	10 U	10 U
Acenaphthene	UG/L	20	5 U	10 U	5 U	10 U	10 U

*Criteria- NYSDEC TOGS (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations, April 2000, Class GA.

Flags assigned during chemistry validation are shown.

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NA - Not Analyzed

Only Detected Results Reported.

Detection Limits shown are PQL

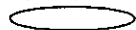
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TABLE 1-3
SUMMARY OF DETECTED HISTORICAL GROUNDWATER ANALYTICAL RESULTS
NYSEG - FORMER TRANSIT STREET MGP SITE
LOCKPORT, NEW YORK

Location ID			MW-18	MW-19	MW-19	SMW-01D	SMW-01D
Sample ID			MW-18	MW-19	MW-19	SMW-01D	SMW-01D
Matrix			Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)			-	-	-	-	-
Date Sampled			10/10/84	09/20/84	10/10/84	01/01/92	05/01/92
Parameter	Units	Criteria*					
Semivolatile Organic Compounds							
Acenaphthylene	UG/L	50	5 U	10 U	5 U	10 U	10 U
Anthracene	UG/L	50	5 U	10 U	5 U	10 U	10 U
Benzo(a)anthracene	UG/L	0.002	5 U	10 U	5 U	NA	NA
Benzo(a)pyrene	UG/L	ND	5 U	10 U	5 U	NA	NA
Benzo(g,h,i)perylene	UG/L	50	5 U	10 U	5 U	NA	NA
Benzo(k)fluoranthene	UG/L	0.002	5 U	10 U	5 U	NA	NA
bis(2-Ethylhexyl)phthalate	UG/L	5	NA	NA	NA	10 U	10 U
Chrysene	UG/L	0.002	5 U	53	5 U	NA	NA
Dibenzofuran	UG/L	50	NA	NA	NA	10 U	10 U
Fluoranthene	UG/L	50	5 U	10 U	5 U	10 U	10 U
Fluorene	UG/L	50	5 U	10 U	5 U	10 U	10 U
Indeno(1,2,3-cd)pyrene	UG/L	0.002	5 U	10 U	5 U	NA	NA
Naphthalene	UG/L	10	5 U	10 U	5 U	10 U	10 U
Phenanthrene	UG/L	50	NA	NA	NA	10 U	10 U
Phenol	UG/L	1	NA	NA	NA	10 U	10 U
Pyrene	UG/L	50	5 U	10 U	5 U	10 U	10 U
Total Carcinogenic PAHs	UG/L	-	ND	53	ND	NA	NA
Total Non-Carcinogenic PAHs	UG/L	-	ND	ND	ND	ND	ND
Total Polycyclic Aromatic Hydrocarbons	UG/L	-	ND	53	ND	ND	ND
Total Semivolatile Organic Compounds	UG/L	-	ND	53	ND	ND	ND
Metals							
Aluminum	UG/L	-	NA	NA	NA	200 U	40 U

*Criteria- NYSDEC TOGS (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations. April 2000, Class GA.

Flags assigned during chemistry validation are shown.



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NA - Not Analyzed

Only Detected Results Reported.

Detection Limits shown are PQL

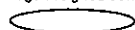
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TABLE 1-3
SUMMARY OF DETECTED HISTORICAL GROUNDWATER ANALYTICAL RESULTS
NYSEG - FORMER TRANSIT STREET MGP SITE
LOCKPORT, NEW YORK

Location ID			MW-18	MW-19	MW-19	SMW-01D	SMW-01D
Sample ID			MW-18	MW-19	MW-19	SMW-01D	SMW-01D
Matrix			Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)			-	-	-	-	-
Date Sampled			10/10/84	09/20/84	10/10/84	01/01/92	05/01/92
Parameter	Units	Criteria*					
Metals							
Antimony	UG/L	3	NA	NA	NA	60 U	2 U
Cadmium	UG/L	5	NA	NA	NA	5 U	3 U
Chromium	UG/L	50	NA	NA	NA	4 U	3 U
Cobalt	UG/L	-	NA	NA	NA	50 U	7 U
Copper	UG/L	200	NA	NA	NA	81	5 U
Iron	UG/L	300	NA	NA	NA	3,000	797
Lead	UG/L	25	NA	NA	NA	3 U	1 U
Manganese	UG/L	300	NA	NA	NA	130	63
Nickel	UG/L	100	NA	NA	NA	40 U	5 U
Zinc	UG/L	2000	NA	NA	NA	54 U	3 U
Filtered Metals							
Iron	UG/L	300	NA	NA	NA	2,000	654
Lead	UG/L	25	NA	NA	NA	3 U	1 U
Manganese	UG/L	300	NA	NA	NA	94	61
Nickel	UG/L	100	NA	NA	NA	40 U	5 U
Miscellaneous Parameters							
Total Cyanide	UG/L	200	NA	NA	NA	10 U	10 U
Cyanide, Amenable To Chlorination	UG/L	-	NA	NA	NA	NA	NA
Phenolics, Total Recoverable	MG/L	0.001	0.005 U	0.007	0.005 U	NA	NA
Sulfide	MG/L	0.05	NA	NA	NA	NA	1 U

*Criteria- NYSDEC TOGS (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations, April 2000, Class GA.

Flags assigned during chemistry validation are shown.



Concentration Exceeds Criteria

R - The data is rejected. J - The reported concentration is an estimated value.

D - Result reported from a secondary dilution analysis.

U - Not detected above the reported quantitation limit.

NA - Not Analyzed

Only Detected Results Reported.

Detection Limits shown are PQL

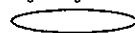
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TABLE 1-3
SUMMARY OF DETECTED HISTORICAL GROUNDWATER ANALYTICAL RESULTS
NYSEG - FORMER TRANSIT STREET MGP SITE
LOCKPORT, NEW YORK

Location ID			SMW-01S	SMW-01S	SMW-03D	SMW-03D	SMW-03S
Sample ID			SMW-01S	SMW-01S	SMW-03D	SMW-03D	SMW-03S
Matrix			Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)			-	-	-	-	-
Date Sampled			01/01/92	05/01/92	01/01/92	05/01/92	01/01/92
Parameter	Units	Criteria*					
Volatile Organic Compounds							
1,1,1-Trichloroethane	UG/L	5	5 U	1 U	5 U	5 U	5 U
1,1-Dichloroethane	UG/L	5	5 U	1 U	5 U	5 U	5 U
1,4-Dichlorobenzene	UG/L	3	NA	NA	NA	NA	NA
Acetone	UG/L	50	50 U	2 U	50 U	10 U	8 J
Benzene	UG/L	1	5 U	1 U	5 U	2.5 J	5 U
Carbon disulfide	UG/L	60	5 U	2 U	5 U	5 U	5 U
Chloroethane	UG/L	5	10 U	2 U	10 U	10 U	10 U
Ethylbenzene	UG/L	5	5 U	1 U	5 U	5 U	5 U
Methyl tert-butyl ether	UG/L	10	1 U	1 U	37	50	410
n-Propylbenzene	UG/L	-	NA	NA	NA	NA	NA
Styrene	UG/L	5	5 U	1 U	5 U	5 U	5 U
Toluene	UG/L	5	5 U	1 U	5 U	5 U	5 U
Xylene (total)	UG/L	5	5 U	1 U	5 U	5 U	5 U
Total BTEX	UG/L	-	ND	ND	ND	2.5	ND
Total Volatile Organic Compounds	UG/L	-	ND	ND	37	52.5	418
Semivolatile Organic Compounds							
2,4-Dimethylphenol	UG/L	50	10 U	10 U	10 U	10 U	11 U
2-Methylnaphthalene	UG/L	50	10 U	10 U	10 U	10 U	11 U
2-Methylphenol (o-cresol)	UG/L	1	10 U	10 U	10 U	10 U	11 U
3,4-Benzofluoranthene	UG/L	-	NA	NA	NA	NA	NA
4-Methylphenol (p-cresol)	UG/L	1	10 U	10 U	10 U	10 U	11 U
Acenaphthene	UG/L	20	10 U	10 U	10 U	10 U	11 U

*Criteria- NYSDEC TOGS (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations. April 2000, Class GA.

Flags assigned during chemistry validation are shown.

 Concentration Exceeds Criteria

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D - Result reported from a secondary dilution analysis.

U - Not detected above the reported quantitation limit.

NA - Not Analyzed

Only Detected Results Reported.

Detection Limits shown are PQL

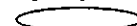
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TABLE 1-3
SUMMARY OF DETECTED HISTORICAL GROUNDWATER ANALYTICAL RESULTS
NYSEG - FORMER TRANSIT STREET MGP SITE
LOCKPORT, NEW YORK

Location ID			SMW-01S	SMW-01S	SMW-03D	SMW-03D	SMW-03S
Sample ID			SMW-01S	SMW-01S	SMW-03D	SMW-03D	SMW-03S
Matrix			Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)			-	-	-	-	-
Date Sampled			01/01/92	05/01/92	01/01/92	05/01/92	01/01/92
Parameter	Units	Criteria*					
Semivolatile Organic Compounds							
Acenaphthylene	UG/L	50	10 U	10 U	10 U	1 J	11 U
Anthracene	UG/L	50	10 U	10 U	10 U	10 U	11 U
Benzo(a)anthracene	UG/L	0.002	NA	NA	NA	NA	NA
Benzo(a)pyrene	UG/L	ND	NA	NA	NA	NA	NA
Benzo(g,h,i)perylene	UG/L	50	NA	NA	NA	NA	NA
Benzo(k)fluoranthene	UG/L	0.002	NA	NA	NA	NA	NA
bis(2-Ethylhexyl)phthalate	UG/L	5	10 U	6 J	10 U	10 U	11 U
Chrysene	UG/L	0.002	NA	NA	NA	NA	NA
Dibenzofuran	UG/L	50	10 U	10 U	10 U	10 U	11 U
Fluoranthene	UG/L	50	10 U	10 U	10 U	0.7 J	11 U
Fluorene	UG/L	50	10 U	10 U	10 U	0.7 J	11 U
Indeno(1,2,3-cd)pyrene	UG/L	0.002	NA	NA	NA	NA	NA
Naphthalene	UG/L	10	10 U	10 U	10 U	10 U	11 U
Phenanthrene	UG/L	50	10 U	10 U	10 U	10 U	11 U
Phenol	UG/L	1	10 U	10 U	10 U	10 U	11 U
Pyrene	UG/L	50	10 U	10 U	10 U	0.7 J	11 U
Total Carcinogenic PAHs	UG/L	-	NA	NA	NA	NA	NA
Total Non-Carcinogenic PAHs	UG/L	-	ND	ND	ND	3.1	ND
Total Polycyclic Aromatic Hydrocarbons	UG/L	-	ND	ND	ND	3.1	ND
Total Semivolatile Organic Compounds	UG/L	-	ND	6	ND	3.1	ND
Metals							
Aluminum	UG/L	-	1,000 J	40 U	200 U	40 U	200 U

*Criteria- NYSDEC TOGS (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations. April 2000, Class GA.

Flags assigned during chemistry validation are shown.

 Concentration Exceeds Criteria

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NA - Not Analyzed

Only Detected Results Reported.

Detection Limits shown are PQL

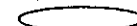
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TABLE 1-3
SUMMARY OF DETECTED HISTORICAL GROUNDWATER ANALYTICAL RESULTS
NYSEG - FORMER TRANSIT STREET MGP SITE
LOCKPORT, NEW YORK

Location ID			SMW-01S	SMW-01S	SMW-03D	SMW-03D	SMW-03S
Sample ID			SMW-01S	SMW-01S	SMW-03D	SMW-03D	SMW-03S
Matrix			Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)			-	-	-	-	-
Date Sampled			01/01/92	05/01/92	01/01/92	05/01/92	01/01/92
Parameter	Units	Criteria*					
Metals							
Antimony	UG/L	3	60 U	2 U	60 U	2 U	60 U
Cadmium	UG/L	5	7 J	3 U	5 U	3 U	5 U
Chromium	UG/L	50	4 U	3 U	4 U	3 U	18
Cobalt	UG/L	-	50 U	7 U	50 U	7 U	50 U
Copper	UG/L	200	25 U	5 U	25 U	5 U	25 U
Iron	UG/L	300	100 U	8 U	640	894	720
Lead	UG/L	25	3 U	1 U	3 U	1 U	3 U
Manganese	UG/L	300	110 J	45	370	298	130
Nickel	UG/L	100	40 U	5 U	40 U	5 U	47
Zinc	UG/L	2000	R	3 U	R	108	R
Filtered Metals							
Iron	UG/L	300	1 U	8 U	780	608	110
Lead	UG/L	25	3 U	1 U	3 U	1 U	3 U
Manganese	UG/L	300	150 J	39	460	251	140
Nickel	UG/L	100	5 U	5 U	40 U	5 U	49
Miscellaneous Parameters							
Total Cyanide	UG/L	200	10 U	10 U	10 U	17	10 U
Cyanide, Amenable To Chlorination	UG/L	-	NA	NA	NA	17	NA
Phenolics, Total Recoverable	MG/L	0.001	NA	NA	NA	NA	NA
Sulfide	MG/L	0.05	NA	1 U	NA	1 U	NA

*Criteria- NYSDEC TOGS (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations. April 2000, Class GA.

Flags assigned during chemistry validation are shown.

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Only Detected Results Reported.

Detection Limits shown are PQL

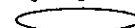
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TABLE 1-3
SUMMARY OF DETECTED HISTORICAL GROUNDWATER ANALYTICAL RESULTS
NYSEG - FORMER TRANSIT STREET MGP SITE
LOCKPORT, NEW YORK

Location ID			SMW-03S	SMW-04D	SMW-04D	SMW-04S	SMW-04S
Sample ID			SMW-03S	SMW-04D	SMW-04D	SMW-04S	SMW-04S
Matrix			Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)			-	-	-	-	-
Date Sampled			05/01/92	01/01/92	05/01/92	01/01/92	05/01/92
Parameter	Units	Criteria*					
Volatile Organic Compounds							
1,1,1-Trichloroethane	UG/L	5	5 U	5 U	1 U	5 U	1 U
1,1-Dichloroethane	UG/L	5	5 U	5 U	1 U	5 U	1 U
1,4-Dichlorobenzene	UG/L	3	NA	NA	NA	NA	NA
Acetone	UG/L	50	10 U	5 J	27	7 J	2 U
Benzene	UG/L	1	5 U	5 U	3.0	5 U	8.8
Carbon disulfide	UG/L	60	5 U	5 U	1 J	5 U	1 U
Chloroethane	UG/L	5	10 U	10 U	2 U	10 U	2 U
Ethylbenzene	UG/L	5	5 U	5 U	1 U	5 U	0.4 J
Methyl tert-butyl ether	UG/L	10	230	1 U	1 U	1 U	1 U
n-Propylbenzene	UG/L	-	NA	NA	NA	NA	NA
Styrene	UG/L	5	5 U	5 U	1 U	5 U	1 U
Toluene	UG/L	5	5 U	5 U	1 U	5 U	1.6
Xylene (total)	UG/L	5	5 U	5 U	1 U	5 U	1.8
Total BTEX	UG/L	-	ND	ND	3	ND	12.6
Total Volatile Organic Compounds	UG/L	-	230	5	31	7	12.6
Semivolatile Organic Compounds							
2,4-Dimethylphenol	UG/L	50	14 U	10 U	10 U	10 U	10 U
2-Methylnaphthalene	UG/L	50	14 U	10 U	10 U	10 U	10 U
2-Methylphenol (o-cresol)	UG/L	1	14 U	10 U	10 U	10 U	10 U
3,4-Benzofluoranthene	UG/L	-	NA	NA	NA	NA	NA
4-Methylphenol (p-cresol)	UG/L	1	14 U	10 U	10 U	10 U	10 U
Acenaphthene	UG/L	20	14 U	10 U	10 U	10 U	10 U

*Criteria- NYSDEC TOGS (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations, April 2000, Class GA.

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Only Detected Results Reported.

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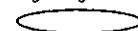
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TABLE 1-3
SUMMARY OF DETECTED HISTORICAL GROUNDWATER ANALYTICAL RESULTS
NYSEG - FORMER TRANSIT STREET MGP SITE
LOCKPORT, NEW YORK

Location ID			SMW-03S	SMW-04D	SMW-04D	SMW-04S	SMW-04S
Sample ID			SMW-03S	SMW-04D	SMW-04D	SMW-04S	SMW-04S
Matrix			Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)			-	-	-	-	-
Date Sampled			05/01/92	01/01/92	05/01/92	01/01/92	05/01/92
Parameter	Units	Criteria*					
Semivolatile Organic Compounds							
Acenaphthylene	UG/L	50	14 U	10 U	2 J	10 U	10 U
Anthracene	UG/L	50	14 U	10 U	10 U	10 U	10 U
Benzo(a)anthracene	UG/L	0.002	NA	NA	NA	NA	NA
Benzo(a)pyrene	UG/L	ND	NA	NA	NA	NA	NA
Benzo(g,h,i)perylene	UG/L	50	NA	NA	NA	NA	NA
Benzo(k)fluoranthene	UG/L	0.002	NA	NA	NA	NA	NA
bis(2-Ethylhexyl)phthalate	UG/L	5	14 U	10 U	0.7 J	10 U	10 U
Chrysene	UG/L	0.002	NA	NA	NA	NA	NA
Dibenzofuran	UG/L	50	14 U	10 U	10 U	10 U	10 U
Fluoranthene	UG/L	50	14 U	10 U	10 U	10 U	10 U
Fluorene	UG/L	50	14 U	10 U	10 U	10 U	10 U
Indeno(1,2,3-cd)pyrene	UG/L	0.002	NA	NA	NA	NA	NA
Naphthalene	UG/L	10	14 U	10 U	10 U	10 U	10 U
Phenanthrene	UG/L	50	14 U	10 U	10 U	10 U	10 U
Phenol	UG/L	1	14 U	10 U	10 U	10 U	10 U
Pyrene	UG/L	50	14 U	10 U	10 U	10 U	10 U
Total Carcinogenic PAHs	UG/L	-	NA	NA	NA	NA	NA
Total Non-Carcinogenic PAHs	UG/L	-	ND	ND	2	ND	ND
Total Polycyclic Aromatic Hydrocarbons	UG/L	-	ND	ND	2	ND	ND
Total Semivolatile Organic Compounds	UG/L	-	ND	ND	2.7	ND	ND
Metals							
Aluminum	UG/L	-	40 U	R	40 U	200 U	40 U

*Criteria- NYSDEC TOGS (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations. April 2000, Class GA.

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Only Detected Results Reported.

Detection Limits shown are PQL

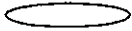
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TABLE 1-3
SUMMARY OF DETECTED HISTORICAL GROUNDWATER ANALYTICAL RESULTS
NYSEG - FORMER TRANSIT STREET MGP SITE
LOCKPORT, NEW YORK

Location ID			SMW-03S	SMW-04D	SMW-04D	SMW-04S	SMW-04S
Sample ID			SMW-03S	SMW-04D	SMW-04D	SMW-04S	SMW-04S
Matrix			Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)			-	-	-	-	-
Date Sampled			05/01/92	01/01/92	05/01/92	01/01/92	05/01/92
Parameter	Units	Criteria*					
Metals							
Antimony	UG/L	3	2 U	R	2 U	60 U	2 U
Cadmium	UG/L	5	3 U	R	3 U	5 U	3 U
Chromium	UG/L	50	3 U	R	3 U	8.6	3 U
Cobalt	UG/L	-	7 U	R	7 U	50 U	7 U
Copper	UG/L	200	5 U	R	5 U	25 U	5 U
Iron	UG/L	300	8 U	R	8 U	140 J	8 U
Lead	UG/L	25	1 U	3 U	1 U	3 U	1 U
Manganese	UG/L	300	57	R	81	75 J	49 J
Nickel	UG/L	100	5 U	R	5 U	49 J	5 U
Zinc	UG/L	2000	3 U	R	3 U	R	3 U
Filtered Metals							
Iron	UG/L	300	8 U	100 U	8 U	100 J	8 U
Lead	UG/L	25	1 U	3 U	1 U	3 U	11.5 J
Manganese	UG/L	300	68	500	80	98 J	48 J
Nickel	UG/L	100	5 U	40 U	5 U	78 J	5 U
Miscellaneous Parameters							
Total Cyanide	UG/L	200	10 U	10 U	10 U	10 U	10 U
Cyanide, Amenable To Chlorination	UG/L	-	NA	NA	NA	NA	NA
Phenolics, Total Recoverable	MG/L	0.001	NA	NA	NA	NA	NA
Sulfide	MG/L	0.05	1 U	NA	3.6	NA	1 U

*Criteria- NYSDEC TOGS (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations. April 2000, Class GA.

Flags assigned during chemistry validation are shown.

 Concentration Exceeds Criteria

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NA - Not Analyzed

Only Detected Results Reported.

Detection Limits shown are PQL

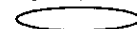
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TABLE 1-3
SUMMARY OF DETECTED HISTORICAL GROUNDWATER ANALYTICAL RESULTS
NYSEG - FORMER TRANSIT STREET MGP SITE
LOCKPORT, NEW YORK

Location ID			SMW-06D	SMW-06D	SMW-06S	SMW-06S	SMW-10
Sample ID			SMW-06D	SMW-06D	SMW-06S	SMW-06S	SMW-10
Matrix			Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)			-	-	-	-	-
Date Sampled			01/01/92	05/01/92	01/01/92	05/01/92	01/01/92
Parameter	Units	Criteria*					
Volatile Organic Compounds							
1,1,1-Trichloroethane	UG/L	5	200 U	25 U	100 U	2.7	5 U
1,1-Dichloroethane	UG/L	5	200 U	40	100 U	7.5	5 U
1,4-Dichlorobenzene	UG/L	3	NA	NA	NA	NA	NA
Acetone	UG/L	50	2,000 U	50 U	100 U	2 U	50 U
Benzene	UG/L	1	6,200 J	1,100	1,600	0.3	5 U
Carbon disulfide	UG/L	60	200 U	25 U	100 U	1 U	5 U
Chloroethane	UG/L	5	400 U	50 U	200 U	2.2	10 U
Ethylbenzene	UG/L	5	4,100 J	41	310	1 U	5 U
Methyl tert-butyl ether	UG/L	10	1 U	25 U	1 U	1 U	1 U
n-Propylbenzene	UG/L	-	NA	NA	NA	NA	NA
Styrene	UG/L	5	280 J	25 U	100 U	1 U	5 U
Toluene	UG/L	5	5,500 J	1,130	460	1 U	5 U
Xylene (total)	UG/L	5	3,600 J	3,510	860	1 U	5 U
Total BTEX	UG/L	-	19,400	5,781	3,230	0.3	ND
Total Volatile Organic Compounds	UG/L	-	19,680	5,821	3,230	12.7	ND
Semivolatile Organic Compounds							
2,4-Dimethylphenol	UG/L	50	2,000 U	47 J	10 U	10 U	10 U
2-Methylnaphthalene	UG/L	50	2,000 U	1,000	10 U	10 U	10 U
2-Methylphenol (o-cresol)	UG/L	1	2,000 U	41 J	10 U	10 U	10 U
3,4-Benzofluoranthene	UG/L	-	NA	NA	NA	NA	NA
4-Methylphenol (p-cresol)	UG/L	1	2,000 U	62 J	10 U	10 U	10 U
Acenaphthene	UG/L	20	37 J	96	10 U	14 J	10 U

*Criteria- NYSDEC TOGS (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations. April 2000, Class GA.

Flags assigned during chemistry validation are shown.

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R - The data is rejected. J - The reported concentration is an estimated value.

D - Result reported from a secondary dilution analysis.

U - Not detected above the reported quantitation limit.

NA - Not Analyzed

Only Detected Results Reported.

Detection Limits shown are PQL

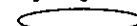
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TABLE 1-3
SUMMARY OF DETECTED HISTORICAL GROUNDWATER ANALYTICAL RESULTS
NYSEG - FORMER TRANSIT STREET MGP SITE
LOCKPORT, NEW YORK

Location ID			SMW-06D	SMW-06D	SMW-06S	SMW-06S	SMW-10
Sample ID			SMW-06D	SMW-06D	SMW-06S	SMW-06S	SMW-10
Matrix			Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)			-	-	-	-	-
Date Sampled			01/01/92	05/01/92	01/01/92	05/01/92	01/01/92
Parameter	Units	Criteria*					
Semivolatile Organic Compounds							
Acenaphthylene	UG/L	50	200 J	470	6 J	10 U	10 U
Anthracene	UG/L	50	12 J	15 J	10 U	10 U	10 U
Benzo(a)anthracene	UG/L	0.002	NA	NA	NA	NA	NA
Benzo(a)pyrene	UG/L	ND	NA	NA	NA	NA	NA
Benzo(g,h,i)perylene	UG/L	50	NA	NA	NA	NA	NA
Benzo(k)fluoranthene	UG/L	0.002	NA	NA	NA	NA	NA
bis(2-Ethylhexyl)phthalate	UG/L	5	2,000 U	97 U	10 U	10 U	10 U
Chrysene	UG/L	0.002	NA	NA	NA	NA	NA
Dibenzofuran	UG/L	50	2,000 U	12 J	10 U	10 U	10 U
Fluoranthene	UG/L	50	2,000 U	97 U	10 U	10 U	10 U
Fluorene	UG/L	50	2,000 U	96 J	10 U	10 U	10 U
Indeno(1,2,3-cd)pyrene	UG/L	0.002	NA	NA	NA	NA	NA
Naphthalene	UG/L	10	5,600 J	3,100	13 J	10 U	10 U
Phenanthrene	UG/L	50	66 J	81 J	10 U	10 U	10 U
Phenol	UG/L	1	48 J	59 J	71 J	85	10 U
Pyrene	UG/L	50	22 J	97 U	10 U	10 U	10 U
Total Carcinogenic PAHs	UG/L	-	NA	NA	NA	NA	NA
Total Non-Carcinogenic PAHs	UG/L	-	5,937	4,858	19	14	ND
Total Polycyclic Aromatic Hydrocarbons	UG/L	-	5,937	4,858	19	14	ND
Total Semivolatile Organic Compounds	UG/L	-	5,985	5,079	90	99	ND
Metals							
Aluminum	UG/L	-	200 U	40 U	200 U	40 U	200 U

*Criteria- NYSDEC TOGS (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations. April 2000, Class GA.

Flags assigned during chemistry validation are shown.

 Concentration Exceeds Criteria

R - The data is rejected. J - The reported concentration is an estimated value.

D - Result reported from a secondary dilution analysis.

U - Not detected above the reported quantitation limit.

NA - Not Analyzed

Only Detected Results Reported.

Detection Limits shown are PQL

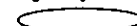
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TABLE 1-3
SUMMARY OF DETECTED HISTORICAL GROUNDWATER ANALYTICAL RESULTS
NYSEG - FORMER TRANSIT STREET MGP SITE
LOCKPORT, NEW YORK

Location ID			SMW-06D	SMW-06D	SMW-06S	SMW-06S	SMW-10
Sample ID			SMW-06D	SMW-06D	SMW-06S	SMW-06S	SMW-10
Matrix			Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)			-	-	-	-	-
Date Sampled			01/01/92	05/01/92	01/01/92	05/01/92	01/01/92
Parameter	Units	Criteria*					
Metals							
Antimony	UG/L	3	60 U	2 U	60 U	2 U	60 U
Cadmium	UG/L	5	5 U	3 U	5 U	3 U	7
Chromium	UG/L	50	4 U	3 U	4.8	3 U	5.9
Cobalt	UG/L	-	50 U	7 U	50 U	7 U	50 U
Copper	UG/L	200	25 U	5 U	26	5 U	25 U
Iron	UG/L	300	700	1,150 J	1,900	8 U	190
Lead	UG/L	25	3 U	1 U	315 J	1 U	3 U
Manganese	UG/L	300	140	1 U	370	457	70 J
Nickel	UG/L	100	40 U	5 U	40 U	5 U	40 U
Zinc	UG/L	2000	R	3 U	R	3 U	R
Filtered Metals							
Iron	UG/L	300	500	8 U	NA	8 U	100 U
Lead	UG/L	25	3 U	1 U	NA	1 U	3 U
Manganese	UG/L	300	160	323 J	NA	1 U	94 J
Nickel	UG/L	100	40 U	5 U	NA	5 U	40 U
Miscellaneous Parameters							
Total Cyanide	UG/L	200	20	17	10 U	43	10 U
Cyanide, Amenable To Chlorination	UG/L	-	NA	10 U	NA	10 U	NA
Phenolics, Total Recoverable	MG/L	0.001	NA	NA	NA	NA	NA
Sulfide	MG/L	0.05	NA	1 U	NA	1 U	NA

*Criteria- NYSDEC TOGS (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations. April 2000, Class GA.

Flags assigned during chemistry validation are shown.

 Concentration Exceeds Criteria

R - The data is rejected. J - The reported concentration is an estimated value.

D - Result reported from a secondary dilution analysis.

U - Not detected above the reported quantitation limit.

NA - Not Analyzed

Only Detected Results Reported.

Detection Limits shown are PQL

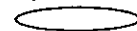
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TABLE 1-3
SUMMARY OF DETECTED HISTORICAL GROUNDWATER ANALYTICAL RESULTS
NYSEG - FORMER TRANSIT STREET MGP SITE
LOCKPORT, NEW YORK

Location ID			SMW-10	SMW-11
Sample ID			SMW-10	SMW-11
Matrix			Groundwater	Groundwater
Depth Interval (ft)			-	-
Date Sampled			05/01/92	05/01/92
Parameter	Units	Criteria*		
Volatile Organic Compounds				
1,1,1-Trichloroethane	UG/L	5	1 U	25 U
1,1-Dichloroethane	UG/L	5	1 U	25 U
1,4-Dichlorobenzene	UG/L	3	NA	NA
Acetone	UG/L	50	2 U	50 U
Benzene	UG/L	1	1 U	680
Carbon disulfide	UG/L	60	1 U	25 U
Chloroethane	UG/L	5	2 U	50 U
Ethylbenzene	UG/L	5	1 U	410
Methyl tert-butyl ether	UG/L	10	1 U	25 U
n-Propylbenzene	UG/L	-	NA	NA
Styrene	UG/L	5	1 U	770
Toluene	UG/L	5	1 U	4,300
Xylene (total)	UG/L	5	1 U	3,600
Total BTEX	UG/L	-	ND	8,990
Total Volatile Organic Compounds	UG/L	-	ND	9,760
Semivolatile Organic Compounds				
2,4-Dimethylphenol	UG/L	50	10 U	26 J
2-Methylnaphthalene	UG/L	50	10 U	450
2-Methylphenol (o-cresol)	UG/L	1	10 U	97 U
3,4-Benzofluoranthene	UG/L	-	NA	NA
4-Methylphenol (p-cresol)	UG/L	1	10 U	32 J
Acenaphthene	UG/L	20	10 U	15 J

*Criteria- NYSDEC TOGS (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations. April 2000, Class GA.

Flags assigned during chemistry validation are shown.

 Concentration Exceeds Criteria

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D - Result reported from a secondary dilution analysis.

U - Not detected above the reported quantitation limit.

NA - Not Analyzed

Only Detected Results Reported.

Detection Limits shown are PQL

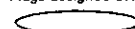
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TABLE 1-3
SUMMARY OF DETECTED HISTORICAL GROUNDWATER ANALYTICAL RESULTS
NYSEG - FORMER TRANSIT STREET MGP SITE
LOCKPORT, NEW YORK

Location ID			SMW-10	SMW-11
Sample ID			SMW-10	SMW-11
Matrix			Groundwater	Groundwater
Depth Interval (ft)			-	-
Date Sampled			05/01/92	05/01/92
Parameter	Units	Criteria*		
Semivolatile Organic Compounds				
Acenaphthylene	UG/L	50	10 U	210
Anthracene	UG/L	50	10 U	97 U
Benzo(a)anthracene	UG/L	0.002	NA	NA
Benzo(a)pyrene	UG/L	ND	NA	NA
Benzo(g,h,i)perylene	UG/L	50	NA	NA
Benzo(k)fluoranthene	UG/L	0.002	NA	NA
bis(2-Ethylhexyl)phthalate	UG/L	5	2 J	97 U
Chrysene	UG/L	0.002	NA	NA
Dibenzofuran	UG/L	50	10 U	22 J
Fluoranthene	UG/L	50	10 U	97 U
Fluorene	UG/L	50	10 U	23 J
Indeno(1,2,3-cd)pyrene	UG/L	0.002	NA	NA
Naphthalene	UG/L	10	10 U	3,000
Phenanthrene	UG/L	50	10 U	11 J
Phenol	UG/L	1	10 U	97 U
Pyrene	UG/L	50	10 U	97 U
Total Carcinogenic PAHs	UG/L	-	NA	NA
Total Non-Carcinogenic PAHs	UG/L	-	ND	3,709
Total Polycyclic Aromatic Hydrocarbons	UG/L	-	ND	3,709
Total Semivolatile Organic Compounds	UG/L	-	2	3,789
Metals				
Aluminum	UG/L	-	40 U	40 U

*Criteria- NYSDEC TOGS (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations, April 2000, Class GA.

Flags assigned during chemistry validation are shown.

 Concentration Exceeds Criteria

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D - Result reported from a secondary dilution analysis.

U - Not detected above the reported quantitation limit.

NA - Not Analyzed

Only Detected Results Reported.

Detection Limits shown are PQL

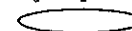
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TABLE 1-3
SUMMARY OF DETECTED HISTORICAL GROUNDWATER ANALYTICAL RESULTS
NYSEG - FORMER TRANSIT STREET MGP SITE
LOCKPORT, NEW YORK

Location ID			SMW-10	SMW-11
Sample ID			SMW-10	SMW-11
Matrix			Groundwater	Groundwater
Depth Interval (ft)			-	-
Date Sampled			05/01/92	05/01/92
Parameter	Units	Criteria*		
Metals				
Antimony	UG/L	3	2 U	2 U
Cadmium	UG/L	5	3 U	3 U
Chromium	UG/L	50	3 U	3 U
Cobalt	UG/L	-	7 U	7 U
Copper	UG/L	200	5 U	5 U
Iron	UG/L	300	8 U	3,910
Lead	UG/L	25	1 U	1 U
Manganese	UG/L	300	56	710
Nickel	UG/L	100	5 U	5 U
Zinc	UG/L	2000	3 U	3 U
Filtered Metals				
Iron	UG/L	300	8 U	2,270
Lead	UG/L	25	10	1 U
Manganese	UG/L	300	44	595
Nickel	UG/L	100	5 U	5 U
Miscellaneous Parameters				
Total Cyanide	UG/L	200	10 U	120
Cyanide, Amenable To Chlorination	UG/L	-	NA	33
Phenolics, Total Recoverable	MG/L	0.001	NA	NA
Sulfide	MG/L	0.05	1 U	1 U

*Criteria- NYSDEC TOGS (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations. April 2000, Class GA.

Flags assigned during chemistry validation are shown.

 Concentration Exceeds Criteria

R - The data is rejected. J - The reported concentration is an estimated value.

D - Result reported from a secondary dilution analysis.

U - Not detected above the reported quantitation limit.

NA - Not Analyzed

Only Detected Results Reported.

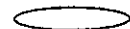
Detection Limits shown are PQL

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TABLE 1-4
STATISTICAL SUMMARY OF DETECTED HISTORICAL GROUNDWATER ANALYTICAL RESULTS
NYSEG - FORMER TRANSIT STREET MGP SITE

Parameter	Units	Criteria*	No.of Samples	No.of Detections	Range of Detections					No. Exceed	Dist	Location of Max Value	Depth Of Max
					Min	Max	Avg	StdDev	UCL95				
Volatile Organic Compounds													
1,1,1-Trichloroethane	UG/L	5	19	1	2.70	2.70	2.70	-	-	0	Non-Normal	SMW-06S	0-0
1,1-Dichloroethane	UG/L	5	19	2	7.50	40.00	23.75	22.98	55.60	2	Non-Normal	SMW-06D	0-0
1,4-Dichlorobenzene	UG/L	3	77	1	83.00	83.00	83.00	-	-	1	Non-Normal	MW-02	0-0
Acetone	UG/L	50	19	4	5.00	27.00	11.75	10.24	21.79	0	Non-Normal	SMW-04D	0-0
Benzene	UG/L	1	101	64	0.300	1.18E+04	1,194	2,157	1,722	63	Non-Normal	MW-07	0-0
Carbon disulfide	UG/L	60	19	1	1.00	1.00	1.00	-	-	0	Non-Normal	SMW-04D	0-0
Chloroethane	UG/L	5	19	1	2.20	2.20	2.20	-	-	0	Non-Normal	SMW-06S	0-0
Ethylbenzene	UG/L	5	101	57	0.400	4,800	567.6	994.1	825.7	45	Non-Normal	MW-17	0-0
Methyl tert-butyl ether	UG/L	10	19	4	37.00	410.0	181.8	175.8	354.1	4	Non-Normal	SMW-03S	0-0
n-Propylbenzene	UG/L	-	82	29	1.00	3,900	221.5	741.2	491.3	0	Non-Normal	MW-17	0-0
Styrene	UG/L	5	101	24	1.00	1,900	453.9	535.7	668.3	22	Non-Normal	MW-07	0-0
Toluene	UG/L	5	101	58	1.00	1.14E+04	1,492	2,502	2,136	42	Non-Normal	MW-17	0-0
Xylene (total)	UG/L	5	101	64	1.00	3.17E+04	1,603	4,205	2,634	51	Non-Normal	MW-17	0-0
Semivolatile Organic Compounds													
2,4-Dimethylphenol	UG/L	50	23	2	26.00	47.00	36.50	14.85	57.08	0	Non-Normal	SMW-06D	0-0
2-Methylnaphthalene	UG/L	50	19	2	450.0	1,000	725.0	388.9	1,264	2	Non-Normal	SMW-06D	0-0
2-Methylphenol (o-cresol)	UG/L	1	19	1	41.00	41.00	41.00	-	-	1	Non-Normal	SMW-06D	0-0

*Criteria- NYSDEC TOGS (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations, April 2000, Class GA.

 Concentration Exceeds Criteria

Only Detected Results Reported.

TABLE 1-4
STATISTICAL SUMMARY OF DETECTED HISTORICAL GROUNDWATER ANALYTICAL RESULTS
NYSEG - FORMER TRANSIT STREET MGP SITE

Parameter	Units	Criteria*	No. of Samples	No. of Detections	Range of Detections					No. Exceed	Dist	Location of Max Value	Depth Of Max
					Min	Max	Avg	StdDev	UCL95				
Semivolatile Organic Compounds													
3,4-Benzofluoranthene	UG/L	-	4	1	69.00	69.00	69.00	-	-	0	Non-Normal	MW-03	0-0
4-Methylphenol (p-cresol)	UG/L	1	19	2	32.00	62.00	47.00	21.21	76.40	2	Non-Normal	SMW-06D	0-0
Acenaphthene	UG/L	20	121	67	3.00	3.70E+04	1,561	5,278	2,824	59	Non-Normal	MW-12	0-0
Acenaphthylene	UG/L	50	121	65	1.00	4.90E+04	2,014	7,412	3,816	44	Non-Normal	MW-07	0-0
Anthracene	UG/L	50	121	72	2.00	9.90E+04	5,526	1.81E+04	9,697	56	Non-Normal	MW-07	0-0
Benzo(a)anthracene	UG/L	0.002	102	52	5.60	1.10E+04	762.8	1,974	1,299	52	Non-Normal	MW-07	0-0
Benzo(a)pyrene	UG/L	0	102	35	4.00	1.10E+04	886.8	2,188	1,612	35	Non-Normal	MW-07	0-0
Benzo(g,h,i)perylene	UG/L	50	102	12	2.00	2,900	716.7	967.8	1,264	6	Non-Normal	MW-07	0-0
Benzo(k)fluoranthene	UG/L	0.002	102	39	4.00	7,100	661.1	1,461	1,120	39	Non-Normal	MW-07	0-0
bis(2-Ethylhexyl)phthalate	UG/L	5	23	3	0.700	6.00	2.90	2.76	6.03	1	Non-Normal	SMW-01S	0-0
Chrysene	UG/L	0.002	102	56	6.00	8,000	638.2	1,538	1,041	56	Non-Normal	MW-07	0-0
Dibenzofuran	UG/L	50	19	2	12.00	22.00	17.00	7.07	26.80	0	Non-Normal	SMW-11	0-0
Fluoranthene	UG/L	50	121	63	0.700	3.10E+04	1,272	4,497	2,383	39	Non-Normal	MW-07	0-0
Fluorene	UG/L	50	121	73	0.700	3.80E+04	1,919	5,942	3,283	57	Non-Normal	MW-07	0-0
Indeno(1,2,3-cd)pyrene	UG/L	0.002	102	20	4.00	3,500	429.8	881.7	816.2	20	Non-Normal	MW-07	0-0
Naphthalene	UG/L	10	121	71	2.00	2.40E+05	1.24E+04	3.96E+04	2.16E+04	68	Non-Normal	MW-07	0-0
Phenanthrene	UG/L	50	23	4	11.00	500.0	164.5	225.7	385.7	3	Non-Normal	MW-03	0-0

*Criteria- NYSDEC TOGS (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations, April 2000, Class GA.

○ Concentration Exceeds Criteria

Only Detected Results Reported.

TABLE 1-4
STATISTICAL SUMMARY OF DETECTED HISTORICAL GROUNDWATER ANALYTICAL RESULTS
NYSEG - FORMER TRANSIT STREET MGP SITE

Parameter	Units	Criteria*	No.of Samples	No.of Detections	Range of Detections					No. Exceed	Dist	Location of Max Value	Depth Of Max
					Min	Max	Avg	StdDev	UCL95				
Semivolatile Organic Compounds													
Phenol	UG/L	1	23	4	48.00	85.00	65.75	15.90	81.34	4	Non-Normal	SMW-06S	0-0
Pyrene	UG/L	50	121	65	0.700	3.30E+04	1,577	5,166	2,833	39	Non-Normal	MW-07	0-0
Metals													
Aluminum	UG/L	-	18	1	1,000	1,000	1,000	-	-	0	Non-Normal	SMW-01S	0-0
Cadmium	UG/L	5	18	2	7.00	7.00	7.00	0.00E+00	-	2	Non-Normal	SMW-01S	0-0
Chromium	UG/L	50	18	4	4.80	18.00	9.33	6.00	15.20	0	Non-Normal	SMW-03S	0-0
Copper	UG/L	200	18	2	26.00	81.00	53.50	38.89	107.4	0	Non-Normal	SMW-01D	0-0
Iron	UG/L	300	18	11	140.0	3,910	1,276	1,070	1,359	9	Non-Normal	SMW-11	0-0
Lead	UG/L	25	19	1	315.0	315.0	315.0	215.1	254.2	1	Non-Normal	SMW-06S	0-0
Manganese	UG/L	300	18	17	45.00	710.0	188.9	179.3	248.8	4	Non-Normal	SMW-11	0-0
Nickel	UG/L	100	18	2	47.00	49.00	48.00	17.35	80.50	0	Non-Normal	SMW-04S	0-0
Zinc	UG/L	2000	11	1	108.0	108.0	108.0	-	-	0	Non-Normal	SMW-03D	0-0
Filtered Metals													
Iron	UG/L	300	18	8	100.0	2,270	877.8	1,070	1,359	6	Non-Normal	SMW-11	0-0
Lead	UG/L	25	18	2	10.00	11.50	10.75	215.1	254.2	0	Non-Normal	SMW-04S	0-0
Manganese	UG/L	300	18	17	39.00	595.0	188.5	179.3	248.8	4	Non-Normal	SMW-11	0-0
Nickel	UG/L	100	18	2	49.00	78.00	63.50	17.35	80.50	0	Non-Normal	SMW-04S	0-0

*Criteria- NYSDEC TOGS (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations, April 2000, Class GA.

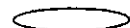
 Concentration Exceeds Criteria

Only Detected Results Reported.

TABLE 1-4
STATISTICAL SUMMARY OF DETECTED HISTORICAL GROUNDWATER ANALYTICAL RESULTS
NYSEG - FORMER TRANSIT STREET MGP SITE

Parameter	Units	Criteria*	No. of Samples	No. of Detections	Range of Detections					No. Exceed	Dist	Location of Max Value	Depth Of Max
					Min	Max	Avg	StdDev	UCL95				
Miscellaneous Parameters													
Total Cyanide	UG/L	200	19	5	17.00	120.0	43.40	44.18	82.13	0	Non-Normal	SMW-11	0-0
Cyanide, Amenable To Chlorination	UG/L	-	4	2	17.00	33.00	25.00	11.31	40.68	0	Non-Normal	SMW-11	0-0
Phenolics, Total Recoverable	MG/L	0.001	94	72	0.005	9.71	0.550	1.51	0.899	72	Non-Normal	MW-10	0-0
Sulfide	MG/L	0.05	10	1	3.60	3.60	3.60	-	-	1	Non-Normal	SMW-04D	0-0

*Criteria- NYSDEC TOGS (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations. April 2000, Class GA.



Concentration Exceeds Criteria

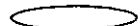
Only Detected Results Reported.

TABLE 1-5
SUMMARY OF DETECTED HISTORICAL SURFACE WATER ANALYTICAL RESULTS
NYSEG - FORMER TRANSIT STREET MGP SITE
LOCKPORT, NEW YORK

Location ID			CSL-01	CSL-01	CSL-01	CSL-01	CSL-01
Sample ID			CSL-1	CSL-1	CSL-1	CSL-1	CSL-1D
Matrix			Surface Water	Surface Water	Surface Water	Surface Water	Surface Water
Depth Interval (ft)			-	-	-	-	-
Date Sampled			10/20/83	11/11/83	11/18/83	11/22/83	09/17/84
Parameter	Units	Criteria*					(2-2)
Volatile Organic Compounds							
Benzene	UG/L	10	1 U	1 U	1 U	1 U	1 U
Xylene (total)	UG/L	65	1 U	1 U	1 U	1 U	1 U
Total BTEX	UG/L	-	ND	ND	ND	ND	ND
Semivolatile Organic Compounds							
3,4-Benzofluoranthene	UG/L	-	NA	NA	NA	NA	NA
4,6-Dinitro-2-methylphenol	UG/L	0.005	NA	NA	NA	NA	NA
4-Chloro-3-methylphenol	UG/L	0.001	NA	NA	NA	NA	NA
Acenaphthene	UG/L	5.3	5 U	5 U	2 U	NA	100 U
Acenaphthylene	UG/L	-	5 U	5 U	2 U	NA	100 U
Anthracene	UG/L	3.8	5 U	17	2	NA	100 U
Benzo(a)anthracene	UG/L	0.03	5 U	NA	5 U	NA	460
Benzo(a)pyrene	UG/L	0.0012	5 U	10	5 U	NA	100 U
Benzo(k)fluoranthene	UG/L	-	5 U	5	5 U	NA	100 U
bis(2-Ethylhexyl)phthalate	UG/L	0.6	NA	NA	NA	NA	NA
Butylbenzylphthalate	UG/L	-	NA	NA	NA	NA	NA
Chrysene	UG/L	-	5 U	13	5 U	NA	3,400
Fluoranthene	UG/L	-	5 U	6	2	NA	100 U
Fluorene	UG/L	0.54	5 U	10	2 U	NA	100 U
Naphthalene	UG/L	13	5 U	5 U	2 U	NA	100 U
Pentachlorophenol	UG/L	0.001	NA	NA	NA	NA	NA
Phenanthrene	UG/L	5	NA	NA	NA	NA	NA
Phenol	UG/L	0.005	NA	NA	NA	NA	NA

*Criteria- NYSDEC TOGS (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations, April 2000, Class C, most stringent level of protection.

Flags assigned during chemistry validation are shown.



Concentration Exceeds Criteria

J - The reported concentration is an estimated value.

D - Result reported from a secondary dilution analysis.

U - Not detected above the reported quantitation limit.

NA - Not Analyzed

Only Detected Results Reported.

Detection Limits shown are PQL

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TABLE 1-5
SUMMARY OF DETECTED HISTORICAL SURFACE WATER ANALYTICAL RESULTS
NYSEG - FORMER TRANSIT STREET MGP SITE
LOCKPORT, NEW YORK

Location ID			CSL-01	CSL-01	CSL-01	CSL-01	CSL-01
Sample ID			CSL-1	CSL-1	CSL-1	CSL-1	CSL-1D
Matrix			Surface Water	Surface Water	Surface Water	Surface Water	Surface Water
Depth Interval (ft)			-	-	-	-	-
Date Sampled			10/20/83	11/11/83	11/18/83	11/22/83	09/17/84
Parameter	Units	Criteria*					(2-2)
Semivolatile Organic Compounds							
Pyrene	UG/L	4.6	5 U	11	3.0	NA	100 U
Total Carcinogenic PAHs	UG/L	-	ND	28	ND	NA	3,860
Total Non-Carcinogenic PAHs	UG/L	-	ND	44	7	NA	ND
Total Polycyclic Aromatic Hydrocarbons	UG/L	-	ND	72	7	NA	3,860
Total Semivolatile Organic Compounds	UG/L	-	ND	72	7	NA	3,860
Metals							
Aluminum	UG/L	-	NA	NA	NA	NA	NA
Calcium	UG/L	-	NA	NA	NA	NA	NA
Chromium	UG/L	-	NA	NA	NA	NA	NA
Iron	UG/L	300	NA	NA	NA	NA	NA
Magnesium	UG/L	-	NA	NA	NA	NA	NA
Manganese	UG/L	-	NA	NA	NA	NA	NA
Selenium	UG/L	-	NA	NA	NA	NA	NA
Sodium	UG/L	-	NA	NA	NA	NA	NA
Zinc	UG/L	-	NA	NA	NA	NA	NA
Miscellaneous Parameters							
Phenolics, Total Recoverable	MG/L	0.001	0.005	0.005 U	0.005 U	0.005 U	0.006

*Criteria- NYSDC TOGS (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations, April 2000, Class C, most stringent level of protection.

Flags assigned during chemistry validation are shown.

 Concentration Exceeds Criteria

J - The reported concentration is an estimated value.

D - Result reported from a secondary dilution analysis.

U - Not detected above the reported quantitation limit.

NA - Not Analyzed

Only Detected Results Reported.

Detection Limits shown are PQL

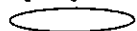
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TABLE 1-5
SUMMARY OF DETECTED HISTORICAL SURFACE WATER ANALYTICAL RESULTS
NYSEG - FORMER TRANSIT STREET MGP SITE
LOCKPORT, NEW YORK

Location ID			CSL-01	CSL-01	CSL-01	CSL-02	CSL-02
Sample ID			CSL-1S	CSL-1D	CSL-1S	CSL-2	CSL-2
Matrix			Surface Water	Surface Water	Surface Water	Surface Water	Surface Water
Depth Interval (ft)			-	-	-	-	-
Date Sampled			09/17/84	10/09/84	10/09/84	10/20/83	11/11/83
Parameter	Units	Criteria*		(2-2)			
Volatile Organic Compounds							
Benzene	UG/L	10	2.7	1 U	1 U	1 U	1 U
Xylene (total)	UG/L	65	1 U	1 U	1 U	1 U	1 U
Total BTEX	UG/L	-	2.7	ND	ND	ND	ND
Semivolatile Organic Compounds							
3,4-Benzofluoranthene	UG/L	-	NA	NA	NA	NA	NA
4,6-Dinitro-2-methylphenol	UG/L	0.005	NA	NA	NA	NA	NA
4-Chloro-3-methylphenol	UG/L	0.001	NA	NA	NA	NA	NA
Acenaphthene	UG/L	5.3	10 U	5 U	5 U	5 U	5 U
Acenaphthylene	UG/L	-	10 U	5 U	5 U	5 U	5 U
Anthracene	UG/L	3.8	10 U	5	5 U	5 U	18
Benzo(a)anthracene	UG/L	0.03	40	23	9	5 U	NA
Benzo(a)pyrene	UG/L	0.0012	10 U	5 U	5 U	5 U	5 U
Benzo(k)fluoranthene	UG/L	-	10 U	19	5 U	5 U	5 U
bis(2-Ethylhexyl)phthalate	UG/L	0.6	NA	NA	NA	NA	NA
Butylbenzylphthalate	UG/L	-	NA	NA	NA	NA	NA
Chrysene	UG/L	-	170	29	12	5 U	15
Fluoranthene	UG/L	-	10 U	5 U	5 U	5 U	9
Fluorene	UG/L	0.54	10 U	5	5 U	5 U	5 U
Naphthalene	UG/L	13	10 U	5 U	5 U	5 U	5 U
Pentachlorophenol	UG/L	0.001	NA	NA	NA	NA	NA
Phenanthrene	UG/L	5	NA	NA	NA	NA	NA
Phenol	UG/L	0.005	NA	NA	NA	NA	NA

*Criteria- NYSDEC TOGS (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations, April 2000, Class C, most stringent level of protection.

Flags assigned during chemistry validation are shown.

 Concentration Exceeds Criteria

J - The reported concentration is an estimated value.

D - Result reported from a secondary dilution analysis.

U - Not detected above the reported quantitation limit.

NA - Not Analyzed

Only Detected Results Reported.

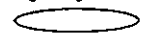
Detection Limits shown are PQL

TABLE 1-5
SUMMARY OF DETECTED HISTORICAL SURFACE WATER ANALYTICAL RESULTS
NYSEG - FORMER TRANSIT STREET MGP SITE
LOCKPORT, NEW YORK

Location ID			CSL-01	CSL-01	CSL-01	CSL-02	CSL-02
Sample ID			CSL-1S	CSL-1D	CSL-1S	CSL-2	CSL-2
Matrix			Surface Water	Surface Water	Surface Water	Surface Water	Surface Water
Depth Interval (ft)			-	-	-	-	-
Date Sampled			09/17/84	10/09/84	10/09/84	10/20/83	11/11/83
Parameter	Units	Criteria*		(2-2)			
Semivolatile Organic Compounds							
Pyrene	UG/L	4.6	10 U	5 U	5 U	5 U	6
Total Carcinogenic PAHs	UG/L	-	210	71	21	ND	15
Total Non-Carcinogenic PAHs	UG/L	-	ND	10	ND	ND	33
Total Polycyclic Aromatic Hydrocarbons	UG/L	-	210	81	21	ND	48
Total Semivolatile Organic Compounds	UG/L	-	210	81	21	ND	48
Metals							
Aluminum	UG/L	-	NA	NA	NA	NA	NA
Calcium	UG/L	-	NA	NA	NA	NA	NA
Chromium	UG/L	-	NA	NA	NA	NA	NA
Iron	UG/L	300	NA	NA	NA	NA	NA
Magnesium	UG/L	-	NA	NA	NA	NA	NA
Manganese	UG/L	-	NA	NA	NA	NA	NA
Selenium	UG/L	-	NA	NA	NA	NA	NA
Sodium	UG/L	-	NA	NA	NA	NA	NA
Zinc	UG/L	-	NA	NA	NA	NA	NA
Miscellaneous Parameters							
Phenolics, Total Recoverable	MG/L	0.001	0.005	0.005 U	0.005 U	0.157	0.005 U

*Criteria- NYSDEC TOGS (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations, April 2000, Class C, most stringent level of protection.

Flags assigned during chemistry validation are shown.



Concentration Exceeds Criteria

J - The reported concentration is an estimated value.

D - Result reported from a secondary dilution analysis.

U - Not detected above the reported quantitation limit.

NA - Not Analyzed

Only Detected Results Reported.

Detection Limits shown are PQL

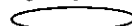
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TABLE 1-5
SUMMARY OF DETECTED HISTORICAL SURFACE WATER ANALYTICAL RESULTS
NYSEG - FORMER TRANSIT STREET MGP SITE
LOCKPORT, NEW YORK

Location ID			CSL-02	CSL-02	CSL-02	CSL-02	CSL-02
Sample ID			CSL-2	CSL-2	CSL-2D	CSL-2S	CSL-2D
Matrix			Surface Water	Surface Water	Surface Water	Surface Water	Surface Water
Depth Interval (ft)			-	-	-	-	-
Date Sampled			11/18/83	11/22/83	09/17/84	09/17/84	10/09/84
Parameter	Units	Criteria*			(2-2)		(2-2)
Volatile Organic Compounds							
Benzene	UG/L	10	1 U	1 U	1 U	1 U	1 U
Xylene (total)	UG/L	65	1 U	1 U	1 U	1 U	1 U
Total BTEX	UG/L	-	ND	ND	ND	ND	ND
Semivolatile Organic Compounds							
3,4-Benzofluoranthene	UG/L	-	NA	NA	NA	NA	NA
4,6-Dinitro-2-methylphenol	UG/L	0.005	NA	NA	NA	NA	NA
4-Chloro-3-methylphenol	UG/L	0.001	NA	NA	NA	NA	NA
Acenaphthene	UG/L	5.3	2 U	NA	61	16	5 U
Acenaphthylene	UG/L	-	2 U	NA	50 U	10 U	5 U
Anthracene	UG/L	3.8	4	NA	50 U	10 U	5
Benzo(a)anthracene	UG/L	0.03	5 U	NA	43	680	13
Benzo(a)pyrene	UG/L	0.0012	8	NA	50 U	44	5 U
Benzo(k)fluoranthene	UG/L	-	7	NA	50 U	83	18
bis(2-Ethylhexyl)phthalate	UG/L	0.6	NA	NA	NA	NA	NA
Butylbenzylphthalate	UG/L	-	NA	NA	NA	NA	NA
Chrysene	UG/L	-	5 U	NA	240	2,760	20
Fluoranthene	UG/L	-	5	NA	50 U	380	7
Fluorene	UG/L	0.54	2 U	NA	50 U	10 U	5 U
Naphthalene	UG/L	13	2 U	NA	50 U	10 U	5 U
Pentachlorophenol	UG/L	0.001	NA	NA	NA	NA	NA
Phenanthrene	UG/L	5	NA	NA	NA	NA	NA
Phenol	UG/L	0.005	NA	NA	NA	NA	NA

*Criteria- NYSDEC TOGS (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations, April 2000, Class C, most stringent level of protection.

Flags assigned during chemistry validation are shown.

 Concentration Exceeds Criteria

J - The reported concentration is an estimated value.

D - Result reported from a secondary dilution analysis.

U - Not detected above the reported quantitation limit.

NA - Not Analyzed

Only Detected Results Reported.

Detection Limits shown are PQL

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TABLE 1-5
SUMMARY OF DETECTED HISTORICAL SURFACE WATER ANALYTICAL RESULTS
NYSEG - FORMER TRANSIT STREET MGP SITE
LOCKPORT, NEW YORK

Location ID			CSL-02	CSL-02	CSL-02	CSL-02	CSL-02
Sample ID			CSL-2	CSL-2	CSL-2D	CSL-2S	CSL-2D
Matrix			Surface Water	Surface Water	Surface Water	Surface Water	Surface Water
Depth Interval (ft)			-	-	-	-	-
Date Sampled			11/18/83	11/22/83	09/17/84	09/17/84	10/09/84
Parameter	Units	Criteria*			(2-2)		(2-2)
Semivolatile Organic Compounds							
Pyrene	UG/L	4.6	6	NA	50 U	160	7
Total Carcinogenic PAHs	UG/L	-	15	NA	283	3,567	51
Total Non-Carcinogenic PAHs	UG/L	-	15	NA	61	556	19
Total Polycyclic Aromatic Hydrocarbons	UG/L	-	30	NA	344	4,123	70
Total Semivolatile Organic Compounds	UG/L	-	30	NA	344	4,123	70
Metals							
Aluminum	UG/L	-	NA	NA	NA	NA	NA
Calcium	UG/L	-	NA	NA	NA	NA	NA
Chromium	UG/L	-	NA	NA	NA	NA	NA
Iron	UG/L	300	NA	NA	NA	NA	NA
Magnesium	UG/L	-	NA	NA	NA	NA	NA
Manganese	UG/L	-	NA	NA	NA	NA	NA
Selenium	UG/L	-	NA	NA	NA	NA	NA
Sodium	UG/L	-	NA	NA	NA	NA	NA
Zinc	UG/L	-	NA	NA	NA	NA	NA
Miscellaneous Parameters							
Phenolics, Total Recoverable	MG/L	0.001	0.005 U	0.005 U	0.005	0.005 U	0.005 U

*Criteria- NYSDEC TOGS (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations, April 2000, Class C, most stringent level of protection.

Flags assigned during chemistry validation are shown.

○ Concentration Exceeds Criteria
 J - The reported concentration is an estimated value.
 D - Result reported from a secondary dilution analysis.
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 NA - Not Analyzed

Only Detected Results Reported.

Detection Limits shown are PQL

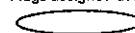
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TABLE 1-5
SUMMARY OF DETECTED HISTORICAL SURFACE WATER ANALYTICAL RESULTS
NYSEG - FORMER TRANSIT STREET MGP SITE
LOCKPORT, NEW YORK

Location ID			CSL-02	CSL-03	CSL-03	CSL-03	CSL-03
Sample ID			CSL-2S	CSL-3	CSL-3	CSL-3	CSL-3
Matrix			Surface Water	Surface Water	Surface Water	Surface Water	Surface Water
Depth Interval (ft)			-	-	-	-	-
Date Sampled			10/09/84	10/20/83	11/11/83	11/18/83	11/22/83
Parameter	Units	Criteria*					
Volatile Organic Compounds							
Benzene	UG/L	10	1 U	1 U	1 U	1 U	1 U
Xylene (total)	UG/L	65	1 U	1 U	1 U	1 U	1 U
Total BTEX	UG/L	-	ND	ND	ND	ND	ND
Semivolatile Organic Compounds							
3,4-Benzofluoranthene	UG/L	-	NA	NA	NA	NA	NA
4,6-Dinitro-2-methylphenol	UG/L	0.005	NA	NA	NA	NA	NA
4-Chloro-3-methylphenol	UG/L	0.001	NA	NA	NA	NA	NA
Acenaphthene	UG/L	5.3	5	5 U	5 U	2 U	NA
Acenaphthylene	UG/L	-	5 U	5 U	5 U	2 U	NA
Anthracene	UG/L	3.8	5 U	5 U	6	2 U	NA
Benzo(a)anthracene	UG/L	0.03	10	5 U	NA	5 U	NA
Benzo(a)pyrene	UG/L	0.0012	5 U	5 U	5 U	5 U	NA
Benzo(k)fluoranthene	UG/L	-	14	5 U	5 U	5 U	NA
bis(2-Ethylhexyl)phthalate	UG/L	0.6	NA	NA	NA	NA	NA
Butylbenzylphthalate	UG/L	-	NA	NA	NA	NA	NA
Chrysene	UG/L	-	17	5 U	5 U	5 U	NA
Fluoranthene	UG/L	-	5 U	5 U	5 U	2 U	NA
Fluorene	UG/L	0.54	5 U	5 U	5 U	2 U	NA
Naphthalene	UG/L	13	5 U	5 U	5 U	2 U	NA
Pentachlorophenol	UG/L	0.001	NA	NA	NA	NA	NA
Phenanthrene	UG/L	5	NA	NA	NA	NA	NA
Phenol	UG/L	0.005	NA	NA	NA	NA	NA

*Criteria- NYSDEC TOGS (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations, April 2000, Class C, most stringent level of protection.

Flags assigned during chemistry validation are shown.

 Concentration Exceeds Criteria

J - The reported concentration is an estimated value.

D - Result reported from a secondary dilution analysis.

U - Not detected above the reported quantitation limit.

NA - Not Analyzed

Only Detected Results Reported.

Detection Limits shown are PQL

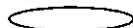
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TABLE 1-5
SUMMARY OF DETECTED HISTORICAL SURFACE WATER ANALYTICAL RESULTS
NYSEG - FORMER TRANSIT STREET MGP SITE
LOCKPORT, NEW YORK

Location ID			CSL-02	CSL-03	CSL-03	CSL-03	CSL-03
Sample ID			CSL-2S	CSL-3	CSL-3	CSL-3	CSL-3
Matrix			Surface Water	Surface Water	Surface Water	Surface Water	Surface Water
Depth Interval (ft)			-	-	-	-	-
Date Sampled			10/09/84	10/20/83	11/11/83	11/18/83	11/22/83
Parameter	Units	Criteria*					
Semivolatile Organic Compounds							
Pyrene	UG/L	4.6	5	5 U	5 U	3.0	NA
Total Carcinogenic PAHs	UG/L	-	41	ND	ND	ND	NA
Total Non-Carcinogenic PAHs	UG/L	-	10	ND	6	3	NA
Total Polycyclic Aromatic Hydrocarbons	UG/L	-	51	ND	6	3	NA
Total Semivolatile Organic Compounds	UG/L	-	51	ND	6	3	NA
Metals							
Aluminum	UG/L	-	NA	NA	NA	NA	NA
Calcium	UG/L	-	NA	NA	NA	NA	NA
Chromium	UG/L	-	NA	NA	NA	NA	NA
Iron	UG/L	300	NA	NA	NA	NA	NA
Magnesium	UG/L	-	NA	NA	NA	NA	NA
Manganese	UG/L	-	NA	NA	NA	NA	NA
Selenium	UG/L	-	NA	NA	NA	NA	NA
Sodium	UG/L	-	NA	NA	NA	NA	NA
Zinc	UG/L	-	NA	NA	NA	NA	NA
Miscellaneous Parameters							
Phenolics, Total Recoverable	MG/L	0.001	0.005 U	0.01	0.005 U	0.005 U	0.005 U

*Criteria- NYSDEC TOGS (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations, April 2000, Class C, most stringent level of protection.

Flags assigned during chemistry validation are shown.



Concentration Exceeds Criteria

J - The reported concentration is an estimated value.

D - Result reported from a secondary dilution analysis.

U - Not detected above the reported quantitation limit.

NA - Not Analyzed

Only Detected Results Reported.

Detection Limits shown are PQL

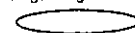
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TABLE 1-5
SUMMARY OF DETECTED HISTORICAL SURFACE WATER ANALYTICAL RESULTS
NYSEG - FORMER TRANSIT STREET MGP SITE
LOCKPORT, NEW YORK

Location ID			CSL-03	CSL-03	CSL-03	CSL-03	CSL-04
Sample ID			CSL-3D	CSL-3S	CSL-3D	CSL-3S	CSL-4D
Matrix			Surface Water	Surface Water	Surface Water	Surface Water	Surface Water
Depth Interval (ft)			-	-	-	-	-
Date Sampled			09/17/84	09/17/84	10/09/84	10/09/84	09/17/84
Parameter	Units	Criteria*	(2-2)		(2-2)		(2-2)
Volatile Organic Compounds							
Benzene	UG/L	10	1 U	1.9	1 U	1 U	1 U
Xylene (total)	UG/L	65	1 U	1 U	1 U	1 U	1 U
Total BTEX	UG/L	-	ND	1.9	ND	ND	ND
Semivolatile Organic Compounds							
3,4-Benzofluoranthene	UG/L	-	NA	NA	NA	NA	NA
4,6-Dinitro-2-methylphenol	UG/L	0.005	NA	NA	NA	NA	NA
4-Chloro-3-methylphenol	UG/L	0.001	NA	NA	NA	NA	NA
Acenaphthene	UG/L	5.3	20 U	10 U	5 U	20 U	10 U
Acenaphthylene	UG/L	-	20 U	10 U	5 U	20 U	10 U
Anthracene	UG/L	3.8	20 U	10 U	5 U	20 U	10 U
Benzo(a)anthracene	UG/L	0.03	26	29	12	20 U	10 U
Benzo(a)pyrene	UG/L	0.0012	20 U	10 U	5 U	20 U	10 U
Benzo(k)fluoranthene	UG/L	-	20 U	10 U	19	20 U	10 U
bis(2-Ethylhexyl)phthalate	UG/L	0.6	NA	NA	NA	NA	NA
Butylbenzylphthalate	UG/L	-	NA	NA	NA	NA	NA
Chrysene	UG/L	-	160	180	19	20 U	10 U
Fluoranthene	UG/L	-	20 U	10 U	5 U	20 U	10 U
Fluorene	UG/L	0.54	20 U	10 U	5 U	20 U	10 U
Naphthalene	UG/L	13	20 U	10 U	5 U	20 U	10 U
Pentachlorophenol	UG/L	0.001	NA	NA	NA	NA	NA
Phenanthrene	UG/L	5	NA	NA	NA	NA	NA
Phenol	UG/L	0.005	NA	NA	NA	NA	NA

*Criteria- NYSDEC TOGS (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations. April 2000, Class C, most stringent level of protection.

Flags assigned during chemistry validation are shown.

 Concentration Exceeds Criteria

J - The reported concentration is an estimated value.

D - Result reported from a secondary dilution analysis.

U - Not detected above the reported quantitation limit.

NA - Not Analyzed

Only Detected Results Reported.

Detection Limits shown are PQL

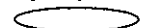
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TABLE 1-5
SUMMARY OF DETECTED HISTORICAL SURFACE WATER ANALYTICAL RESULTS
NYSEG - FORMER TRANSIT STREET MGP SITE
LOCKPORT, NEW YORK

Location ID			CSL-03	CSL-03	CSL-03	CSL-03	CSL-04
Sample ID			CSL-3D	CSL-3S	CSL-3D	CSL-3S	CSL-4D
Matrix			Surface Water	Surface Water	Surface Water	Surface Water	Surface Water
Depth Interval (ft)			-	-	-	-	-
Date Sampled			09/17/84	09/17/84	10/09/84	10/09/84	09/17/84
Parameter	Units	Criteria*	(2-2)		(2-2)		(2-2)
Semivolatile Organic Compounds							
Pyrene	UG/L	4.6	20 U	10 U	5 U	20 U	10 U
Total Carcinogenic PAHs	UG/L	-	186	209	50	ND	ND
Total Non-Carcinogenic PAHs	UG/L	-	ND	ND	ND	ND	ND
Total Polycyclic Aromatic Hydrocarbons	UG/L	-	186	209	50	ND	ND
Total Semivolatile Organic Compounds	UG/L	-	186	209	50	ND	ND
Metals							
Aluminum	UG/L	-	NA	NA	NA	NA	NA
Calcium	UG/L	-	NA	NA	NA	NA	NA
Chromium	UG/L	-	NA	NA	NA	NA	NA
Iron	UG/L	300	NA	NA	NA	NA	NA
Magnesium	UG/L	-	NA	NA	NA	NA	NA
Manganese	UG/L	-	NA	NA	NA	NA	NA
Selenium	UG/L	-	NA	NA	NA	NA	NA
Sodium	UG/L	-	NA	NA	NA	NA	NA
Zinc	UG/L	-	NA	NA	NA	NA	NA
Miscellaneous Parameters							
Phenolics, Total Recoverable	MG/L	0.001	0.005	0.005 U	0.005 U	0.005 U	0.005

*Criteria- NYSDEC TOGS (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations. April 2000, Class C, most stringent level of protection.

Flags assigned during chemistry validation are shown.



Concentration Exceeds Criteria

J - The reported concentration is an estimated value.

D - Result reported from a secondary dilution analysis.

U - Not detected above the reported quantitation limit.

NA - Not Analyzed

Only Detected Results Reported.

Detection Limits shown are PQL

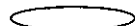
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TABLE 1-5
SUMMARY OF DETECTED HISTORICAL SURFACE WATER ANALYTICAL RESULTS
NYSEG - FORMER TRANSIT STREET MGP SITE
LOCKPORT, NEW YORK

Location ID			CSL-04	CSL-04	CSL-04	SEEP 1	SEEP 2
Sample ID			CSL-4S	CSL-4D	CSL-4S	SEEP 1	SEEP 2
Matrix			Surface Water	Surface Water	Surface Water	Surface Water	Surface Water
Depth Interval (ft)			-	-	-	-	-
Date Sampled			09/17/84	10/09/84	10/09/84	02/02/83	02/02/83
Parameter	Units	Criteria*		(2-2)			
Volatile Organic Compounds							
Benzene	UG/L	10	1 U	1 U	1 U	59	2 U
Xylene (total)	UG/L	65	1 U	1 U	1 U	362	29
Total BTEX	UG/L	-	ND	ND	ND	421	29
Semivolatile Organic Compounds							
3,4-Benzofluoranthene	UG/L	-	NA	NA	NA	13	13
4,6-Dinitro-2-methylphenol	UG/L	0.005	NA	NA	NA	3,500	20 U
4-Chloro-3-methylphenol	UG/L	0.001	NA	NA	NA	600	20 U
Acenaphthene	UG/L	5.3	10 U	5 U	5 U	310	140
Acenaphthylene	UG/L	-	10 U	5 U	5 U	440	110
Anthracene	UG/L	3.8	10 U	5 U	5 U	110	27
Benzo(a)anthracene	UG/L	0.03	10 U	5 U	5 U	100	16
Benzo(a)pyrene	UG/L	0.0012	10 U	5 U	5 U	10 U	10 U
Benzo(k)fluoranthene	UG/L	-	10 U	5 U	5 U	13	13
bis(2-Ethylhexyl)phthalate	UG/L	0.6	NA	NA	NA	10 U	84
Butylbenzylphthalate	UG/L	-	NA	NA	NA	10 U	16
Chrysene	UG/L	-	10 U	5 U	5 U	67	10
Fluoranthene	UG/L	-	10 U	5 U	5 U	240	37
Fluorene	UG/L	0.54	10 U	5 U	5 U	10 U	10 U
Naphthalene	UG/L	13	10 U	5 U	5 U	3,100	79
Pentachlorophenol	UG/L	0.001	NA	NA	NA	2,700	20 U
Phenanthrene	UG/L	5	NA	NA	NA	750	120
Phenol	UG/L	0.005	NA	NA	NA	250 U	30

*Criteria- NYSDEC TOGS (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations, April 2000, Class C, most stringent level of protection.

Flags assigned during chemistry validation are shown.



Concentration Exceeds Criteria

J - The reported concentration is an estimated value.

D - Result reported from a secondary dilution analysis.

U - Not detected above the reported quantitation limit.

NA - Not Analyzed

Only Detected Results Reported.

Detection Limits shown are PQL

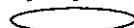
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TABLE 1-5
SUMMARY OF DETECTED HISTORICAL SURFACE WATER ANALYTICAL RESULTS
NYSEG - FORMER TRANSIT STREET MGP SITE
LOCKPORT, NEW YORK

Location ID			CSL-04	CSL-04	CSL-04	SEEP 1	SEEP 2
Sample ID			CSL-4S	CSL-4D	CSL-4S	SEEP 1	SEEP 2
Matrix			Surface Water	Surface Water	Surface Water	Surface Water	Surface Water
Depth Interval (ft)			-	-	-	-	-
Date Sampled			09/17/84	10/09/84	10/09/84	02/02/83	02/02/83
Parameter	Units	Criteria*		(2-2)			
Semivolatile Organic Compounds							
Pyrene	UG/L	4.6	10 U	5 U	5 U	320	44
Total Carcinogenic PAHs	UG/L	-	ND	ND	ND	180	39
Total Non-Carcinogenic PAHs	UG/L	-	ND	ND	ND	5,270	557
Total Polycyclic Aromatic Hydrocarbons	UG/L	-	ND	ND	ND	5,450	596
Total Semivolatile Organic Compounds	UG/L	-	ND	ND	ND	12,263	739
Metals							
Aluminum	UG/L	-	NA	NA	NA	NA	NA
Calcium	UG/L	-	NA	NA	NA	NA	NA
Chromium	UG/L	-	NA	NA	NA	NA	NA
Iron	UG/L	300	NA	NA	NA	NA	NA
Magnesium	UG/L	-	NA	NA	NA	NA	NA
Manganese	UG/L	-	NA	NA	NA	NA	NA
Selenium	UG/L	-	NA	NA	NA	NA	NA
Sodium	UG/L	-	NA	NA	NA	NA	NA
Zinc	UG/L	-	NA	NA	NA	NA	NA
Miscellaneous Parameters							
Phenolics, Total Recoverable	MG/L	0.001	0.005	0.005 U	0.005 U	NA	NA

*Criteria- NYSDEC TOGS (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations, April 2000, Class C, most stringent level of protection.

Flags assigned during chemistry validation are shown.



Concentration Exceeds Criteria

J - The reported concentration is an estimated value.
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U - Not detected above the reported quantitation limit.
NA - Not Analyzed

Only Detected Results Reported.

Detection Limits shown are PQL

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TABLE 1-5
SUMMARY OF DETECTED HISTORICAL SURFACE WATER ANALYTICAL RESULTS
NYSEG - FORMER TRANSIT STREET MGP SITE
LOCKPORT, NEW YORK

Location ID			SW-1(1990)	SW-2(1990)	SW-3(1990)
Sample ID			SW-01	SW-02	SW-03
Matrix			Surface Water	Surface Water	Surface Water
Depth Interval (ft)			-	-	-
Date Sampled			11/15/90	11/15/90	11/15/90
Parameter	Units	Criteria*			
Volatile Organic Compounds					
Benzene	UG/L	10	0.5 U	0.5 U	0.5 U
Xylene (total)	UG/L	65	0.5 U	0.5 U	0.5 U
Total BTEX	UG/L	-	ND	ND	ND
Semivolatile Organic Compounds					
3,4-Benzofluoranthene	UG/L	-	NA	NA	NA
4,6-Dinitro-2-methylphenol	UG/L	0.005	50 U	50 U	50 U
4-Chloro-3-methylphenol	UG/L	0.001	10 U	10 U	10 U
Acenaphthene	UG/L	5.3	10 U	10 U	10 U
Acenaphthylene	UG/L	-	10 U	10 U	10 U
Anthracene	UG/L	3.8	10 U	10 U	10 U
Benzo(a)anthracene	UG/L	0.03	10 U	10 U	10 U
Benzo(a)pyrene	UG/L	0.0012	10 U	10 U	10 U
Benzo(k)fluoranthene	UG/L	-	10 U	10 U	10 U
bis(2-Ethylhexyl)phthalate	UG/L	0.6	10 U	10 U	10 U
Butylbenzylphthalate	UG/L	-	10 U	10 U	10 U
Chrysene	UG/L	-	10 U	10 U	10 U
Fluoranthene	UG/L	-	10 U	10 U	10 U
Fluorene	UG/L	0.54	10 U	10 U	10 U
Naphthalene	UG/L	13	10 U	10 U	10 U
Pentachlorophenol	UG/L	0.001	10 U	10 U	10 U
Phenanthrene	UG/L	5	10 U	10 U	10 U
Phenol	UG/L	0.005	10 U	10 U	10 U

*Criteria- NYSDEC TOGS (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations. April 2000, Class C, most stringent level of protection.

Flags assigned during chemistry validation are shown.



Concentration Exceeds Criteria

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D - Result reported from a secondary dilution analysis.
U - Not detected above the reported quantitation limit.
NA - Not Analyzed

Only Detected Results Reported.

Detection Limits shown are PQL

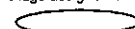
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TABLE 1-5
SUMMARY OF DETECTED HISTORICAL SURFACE WATER ANALYTICAL RESULTS
NYSEG - FORMER TRANSIT STREET MGP SITE
LOCKPORT, NEW YORK

Location ID			SW-1(1990)	SW-2(1990)	SW-3(1990)
Sample ID			SW-01	SW-02	SW-03
Matrix			Surface Water	Surface Water	Surface Water
Depth Interval (ft)			-	-	-
Date Sampled			11/15/90	11/15/90	11/15/90
Parameter	Units	Criteria*			
Semivolatile Organic Compounds					
Pyrene	UG/L	4.6	10 U	10 U	10 U
Total Carcinogenic PAHs	UG/L	-	ND	ND	ND
Total Non-Carcinogenic PAHs	UG/L	-	ND	ND	ND
Total Polycyclic Aromatic Hydrocarbons	UG/L	-	ND	ND	ND
Total Semivolatile Organic Compounds	UG/L	-	ND	ND	ND
Metals					
Aluminum	UG/L	-	380	200 U	200 U
Calcium	UG/L	-	56,000	57,000	52,000
Chromium	UG/L	-	5 U	7.2	5 U
Iron	UG/L	300	300	200	170
Magnesium	UG/L	-	12,000	12,000	11,000
Manganese	UG/L	-	36	40	21
Selenium	UG/L	-	NA	41	5 U
Sodium	UG/L	-	15,000	15,000	15,000
Zinc	UG/L	-	NA	20 U	30
Miscellaneous Parameters					
Phenolics, Total Recoverable	MG/L	0.001	NA	NA	NA

*Criteria- NYSDEC TOGS (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations, April 2000, Class C, most stringent level of protection.

Flags assigned during chemistry validation are shown.

 Concentration Exceeds Criteria

J - The reported concentration is an estimated value.

D - Result reported from a secondary dilution analysis.

U - Not detected above the reported quantitation limit.

NA - Not Analyzed

Only Detected Results Reported.

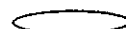
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TABLE 1-6
STATISTICAL SUMMARY OF DETECTED HISTORICAL SURFACE WATER ANALYTICAL RESULTS
NYSEG - FORMER TRANSIT STREET MGP SITE

Parameter	Units	Criteria*	No. of Samples	No. of Detections	Range of Detections					No. Exceed	Dist	Location of Max Value
					Min	Max	Avg	StdDev	UCL95			
Volatile Organic Compounds												
Benzene	UG/L	10	25	3	1.90	59.00	21.20	32.74	58.25	1	Non-Normal	SEEP 1
Xylene (total)	UG/L	65	25	2	29.00	362.0	195.5	235.5	521.8	1	Non-Normal	SEEP 1
Semivolatile Organic Compounds												
3,4-Benzofluoranthene	UG/L	-	2	2	13.00	13.00	13.00	0.00E+00	-	0	-	SEEP 1
4,6-Dinitro-2-methylphenol	UG/L	0.005	5	1	3,500	3,500	3,500	-	-	1	Non-Normal	SEEP 1
4-Chloro-3-methylphenol	UG/L	0.001	5	1	600.0	600.0	600.0	-	-	1	Non-Normal	SEEP 1
Acenaphthene	UG/L	5.3	26	5	5.00	310.0	106.4	125.6	216.5	3	Non-Normal	SEEP 1
Acenaphthylene	UG/L	-	26	2	110.0	440.0	275.0	233.3	598.4	0	Non-Normal	SEEP 1
Anthracene	UG/L	3.8	26	9	2.00	110.0	21.56	34.22	43.91	8	Non-Normal	SEEP 1
Benzo(a)anthracene	UG/L	0.03	23	13	9.00	680.0	112.4	209.4	226.2	8	Non-Normal	CSL-02
Benzo(a)pyrene	UG/L	0.0012	26	3	8.00	44.00	20.67	20.23	43.56	3	Non-Normal	CSL-02
Benzo(k)fluoranthene	UG/L	-	26	9	5.00	83.00	21.22	23.69	36.70	0	Non-Normal	CSL-02
bis(2-Ethylhexyl)phthalate	UG/L	0.6	5	1	84.00	84.00	84.00	-	-	1	Non-Normal	SEEP 2
Butylbenzylphthalate	UG/L	-	5	1	16.00	16.00	16.00	-	-	0	Non-Normal	SEEP 2
Chrysene	UG/L	-	26	15	10.00	3,400	474.1	1,068	1,014	0	Non-Normal	CSL-01
Fluoranthene	UG/L	-	26	8	2.00	380.0	85.75	143.8	185.4	0	Non-Normal	CSL-02
Fluorene	UG/L	0.54	26	2	5.00	10.00	7.50	3.54	12.40	2	Non-Normal	CSL-01

*Criteria- NYSDEC TOGS (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations. April 2000, Class C, most stringent level of protection.

 Concentration Exceeds Criteria

Only Detected Results Reported.

TABLE 1-6
STATISTICAL SUMMARY OF DETECTED HISTORICAL SURFACE WATER ANALYTICAL RESULTS
NYSEG - FORMER TRANSIT STREET MGP SITE

Parameter	Units	Criteria*	No. of Samples	No. of Detections	Range of Detections					No. Exceed	Dist	Location of Max Value
					Min	Max	Avg	StdDev	UCL95			
Semivolatile Organic Compounds												
Naphthalene	UG/L	13	26	2	79.00	3,100	1,590	2,136	4,550	2	Non-Normal	SEEP 1
Pentachlorophenol	UG/L	0.001	5	1	2,700	2,700	2,700	-	-	1	Non-Normal	SEEP 1
Phenanthrene	UG/L	5	5	2	120.0	750.0	435.0	445.5	1,052	2	Non-Normal	SEEP 1
Phenol	UG/L	0.005	5	1	30.00	30.00	30.00	-	-	1	Non-Normal	SEEP 2
Pyrene	UG/L	4.6	26	10	3.00	320.0	56.50	104.5	121.3	7	Non-Normal	SEEP 1
Metals												
Aluminum	UG/L	-	3	1	380.0	380.0	380.0	-	-	0	Non-Normal	SW-1(1990)
Calcium	UG/L	-	3	3	5.20E+04	5.70E+04	5.50E+04	2,646	5.80E+04	0	Non-Normal	SW-2(1990)
Chromium	UG/L	-	3	1	7.20	7.20	7.20	-	-	0	Non-Normal	SW-2(1990)
Iron	UG/L	300	3	3	170.0	300.0	223.3	68.07	300.4	1	Non-Normal	SW-1(1990)
Magnesium	UG/L	-	3	3	1.10E+04	1.20E+04	1.17E+04	577.4	1.23E+04	0	Non-Normal	SW-1(1990)
Manganese	UG/L	-	3	3	21.00	40.00	32.33	10.02	43.67	0	Non-Normal	SW-2(1990)
Selenium	UG/L	-	2	1	41.00	41.00	41.00	-	-	0	-	SW-2(1990)
Sodium	UG/L	-	3	3	1.50E+04	1.50E+04	1.50E+04	0.00E+00	-	0	Normal	SW-1(1990)
Zinc	UG/L	-	2	1	30.00	30.00	30.00	-	-	0	-	SW-3(1990)
Miscellaneous Parameters												
Phenolics, Total Recoverable	MG/L	0.001	20	9	0.005	0.157	0.023	0.050	0.056	7	Non-Normal	CSL-02

*Criteria- NYSDEC TOGS (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations, April 2000, Class C, most stringent level of protection.

 Concentration Exceeds Criteria

Only Detected Results Reported.

TABLE 1-7
SUMMARY OF DETECTED HISTORICAL SEDIMENT ANALYTICAL RESULTS
NYSEG - FORMER TRANSIT STREET MGP SITE
LOCKPORT, NEW YORK

Location ID				SE-1999	SE-2000	SE-2001
Sample ID				SE-4	SE-4	SE-4
Matrix				Sediment	Sediment	Sediment
Depth Interval (ft)				-	-	-
Date Sampled				11/15/00	11/15/00	11/15/00
Parameter	Units	Criteria (1)	Criteria (2)			
Volatile Organic Compounds						
1,1,1,2-Tetrachloroethane	UG/KG	-	-	9.6 U	10 U	7.7 U
1,1,1-Trichloroethane	UG/KG	-	-	9.6 U	10 U	7.7 U
1,1,2,2-Tetrachloroethane	UG/KG	-	-	9.6 U	10 U	7.7 U
1,1,2-Trichloroethane	UG/KG	-	-	9.6 U	10 U	7.7 U
1,1-Dichloroethane	UG/KG	-	-	9.6 U	10 U	7.7 U
1,1-Dichloroethene	UG/KG	-	-	9.6 U	10 U	7.7 U
1,1-Dichloropropene	UG/KG	-	-	9.6 U	10 U	7.7 U
1,2,3-Trichloropropane	UG/KG	-	-	9.6 U	10 U	7.7 U
1,2-Dibromo-3-chloropropane	UG/KG	-	-	9.6 U	10 U	7.7 U
1,2-Dibromoethane (Ethylene dibromide)	UG/KG	-	-	9.6 U	10 U	7.7 U
1,2-Dichloroethane	UG/KG	-	-	9.6 U	10 U	7.7 U
1,2-Dichloroethene (cis)	UG/KG	-	-	9.6 U	10 U	7.7 U
1,2-Dichloroethene (total)	UG/KG	-	-	9.6 U	10 U	7.7 U
1,2-Dichloroethene (trans)	UG/KG	-	-	9.6 U	10 U	7.7 U
1,2-Dichloropropane	UG/KG	-	-	9.6 U	10 U	7.7 U
1,3-Dichloropropane	UG/KG	-	-	9.6 U	10 U	7.7 U
1,3-Dichloropropene (cis)	UG/KG	-	-	9.6 U	10 U	7.7 U
1,3-Dichloropropene (trans)	UG/KG	-	-	9.6 U	10 U	7.7 U
2,2-Dichloropropane	UG/KG	-	-	9.6 U	10 U	7.7 U
2-Hexanone	UG/KG	-	-	9.6 U	100 U	23 U

Criteria (1)- NYSDEC Technical Guidance for Screening Contaminated Sediments, Lowest Effect Level, January 25, 1999.

Criteria (2)- NYSDEC Technical Guidance for Screening Contaminated Sediments, Severe Effect Level, January 25, 1999.

Flags assigned during chemistry validation are shown.



Concentration Exceeds Criteria (1)



Concentration Exceeds Criteria (2)

J - The reported concentration is an estimated value.

D - Result reported from a secondary dilution analysis.

U - Not detected above the reported quantitation limit.

NA - Not Analyzed

Detection Limits shown are PQL

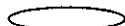
TABLE 1-7
SUMMARY OF DETECTED HISTORICAL SEDIMENT ANALYTICAL RESULTS
NYSEG - FORMER TRANSIT STREET MGP SITE
LOCKPORT, NEW YORK

Location ID				SE-1(1990)	SE-2(1990)	SE-3(1990)
Sample ID				SE-01	SE-02	SE-03
Matrix				Sediment	Sediment	Sediment
Depth Interval (ft)				-	-	-
Date Sampled				11/15/90	11/15/90	11/15/90
Parameter	Units	Criteria (1)	Criteria (2)			
Volatile Organic Compounds						
4-Methyl-2-pentanone	UG/KG	-	-	9.6 U	100 U	23 U
Acetone	UG/KG	-	-	120	300	23 U
Benzene	UG/KG	-	-	9.6 U	10 U	7.7 U
Bromobenzene	UG/KG	-	-	9.6 U	10 U	7.7 U
Bromodichloromethane	UG/KG	-	-	9.6 U	10 U	7.7 U
Bromoform	UG/KG	-	-	9.6 U	10 U	7.7 U
Bromomethane	UG/KG	-	-	19 U	20 U	15 U
Carbon disulfide	UG/KG	-	-	9.6 U	10 U	7.7 U
Carbon tetrachloride	UG/KG	-	-	9.6 U	10 U	7.7 U
Chlorobenzene	UG/KG	-	-	9.6 U	10 U	7.7 U
Chloroethane	UG/KG	-	-	19 U	20 U	15 U
Chloroform	UG/KG	-	-	9.6 U	10 U	7.7 U
Chloromethane	UG/KG	-	-	19 U	20 U	15 U
Dibromochloromethane	UG/KG	-	-	9.6 U	10 U	7.7 U
Dibromomethane	UG/KG	-	-	9.6 U	10 U	7.7 U
Ethylbenzene	UG/KG	-	-	9.6 U	10 U	7.7 U
Methyl ethyl ketone (2-Butanone)	UG/KG	-	-	96 U	100 U	23 U
Methylene chloride	UG/KG	-	-	9.6 U	20 U	15 U
Styrene	UG/KG	-	-	9.6 U	10 U	7.7 U
Tetrachloroethene	UG/KG	-	-	9.6 U	10 U	7.7 U

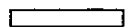
Criteria (1)- NYSDEC Technical Guidance for Screening Contaminated Sediments, Lowest Effect Level, January 25, 1999.

Criteria (2)- NYSDEC Technical Guidance for Screening Contaminated Sediments, Severe Effect Level, January 25, 1999.

Flags assigned during chemistry validation are shown.



Concentration Exceeds Criteria (1)



Concentration Exceeds Criteria (2)

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D - Result reported from a secondary dilution analysis.

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Detection Limits shown are PQL

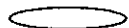
TABLE 1-7
SUMMARY OF DETECTED HISTORICAL SEDIMENT ANALYTICAL RESULTS
NYSEG - FORMER TRANSIT STREET MGP SITE
LOCKPORT, NEW YORK

Location ID				SE-1(1990)	SE-2(1990)	SE-3(1990)
Sample ID				SE-01	SE-02	SE-03
Matrix				Sediment	Sediment	Sediment
Depth Interval (ft)				-	-	-
Date Sampled				11/15/90	11/15/90	11/15/90
Parameter	Units	Criteria (1)	Criteria (2)			
Volatile Organic Compounds						
Toluene	UG/KG	-	-	9.6 U	10 U	7.7 U
Trichloroethene	UG/KG	-	-	9.6 U	10 U	7.7 U
Vinyl acetate	UG/KG	-	-	9.6 U	100 U	23 U
Vinyl chloride	UG/KG	-	-	9.6 U	20 U	15 U
Xylene (total)	UG/KG	-	-	9.6 U	10 U	7.7 U
Total BTEX	UG/KG	-	-	ND	ND	ND
Total Volatile Organic Compounds	UG/KG	-	-	120	300	ND
Semivolatile Organic Compounds						
2,4,5-Trichlorophenol	UG/KG	-	-	6,300 U	6,600 U	5,100 U
2,4,6-Trichlorophenol	UG/KG	-	-	6,300 U	6,600 U	5,100 U
2,4-Dichlorophenol	UG/KG	-	-	6,300 U	6,600 U	5,100 U
2,4-Dimethylphenol	UG/KG	-	-	6,300 U	6,600 U	5,100 U
2,4-Dinitrophenol	UG/KG	-	-	31,000 U	32,000 U	25,000 U
2,4-Dinitrotoluene	UG/KG	-	-	6,300 U	6,600 U	5,100 U
2,6-Dinitrotoluene	UG/KG	-	-	6,300 U	6,600 U	5,100 U
2-Chloronaphthalene	UG/KG	-	-	6,300 U	6,600 U	5,100 U
2-Chlorophenol	UG/KG	-	-	6,300 U	6,600 U	5,100 U
2-Methylnaphthalene	UG/KG	-	-	6,300 U	6,600 U	5,100 U
2-Methylphenol (o-cresol)	UG/KG	-	-	6,300 U	6,600 U	5,100 U
2-Nitroaniline	UG/KG	-	-	31,000 U	32,000 U	25,000 U

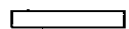
Criteria (1)- NYSDEC Technical Guidance for Screening Contaminated Sediments, Lowest Effect Level, January 25, 1999.

Criteria (2)- NYSDEC Technical Guidance for Screening Contaminated Sediments, Severe Effect Level, January 25, 1999.

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Concentration Exceeds Criteria (1)



Concentration Exceeds Criteria (2)

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Detection Limits shown are PQL

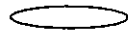
TABLE 1-7
SUMMARY OF DETECTED HISTORICAL SEDIMENT ANALYTICAL RESULTS
NYSEG - FORMER TRANSIT STREET MGP SITE
LOCKPORT, NEW YORK

Location ID				SE-1(1990)	SE-2(1990)	SE-3(1990)
Sample ID				SE-01	SE-02	SE-03
Matrix				Sediment	Sediment	Sediment
Depth Interval (ft)				-	-	-
Date Sampled				11/15/90	11/15/90	11/15/90
Parameter	Units	Criteria (1)	Criteria (2)			
Semivolatile Organic Compounds						
2-Nitrophenol	UG/KG	-	-	6,300 U	6,600 U	5,100 U
3,3-Dichlorobenzidine	UG/KG	-	-	31,000 U	32,000 U	25,000 U
3-Nitroaniline	UG/KG	-	-	6,300 U	6,600 U	5,100 U
4,6-Dinitro-2-methylphenol	UG/KG	-	-	31,000	32,000	25,000
4-Bromophenyl-phenylether	UG/KG	-	-	6,300 U	6,600 U	5,100 U
4-Chloro-3-methylphenol	UG/KG	-	-	6,300 U	6,600 U	5,100 U
4-Chloroaniline	UG/KG	-	-	6,300 U	6,600 U	5,100 U
4-Chlorophenyl-phenylether	UG/KG	-	-	6,300 U	6,600 U	5,100 U
4-Methylphenol (p-cresol)	UG/KG	-	-	6,300 U	6,600 U	5,100 U
4-Nitroaniline	UG/KG	-	-	6,300 U	6,600 U	5,100 U
4-Nitrophenol	UG/KG	-	-	31,000 U	32,000 U	25,000 U
Acenaphthene	UG/KG	-	-	6,300 U	6,600 U	5,100 U
Acenaphthylene	UG/KG	-	-	6,300 U	6,600 U	5,100 U
Anthracene	UG/KG	-	-	6,300 U	6,600 U	5,100 U
Benidine	UG/KG	-	-	6,300 U	6,600 U	5,100 U
Benzo(a)anthracene	UG/KG	-	-	6,300 U	6,600 U	5,100 U
Benzo(a)pyrene	UG/KG	-	-	6,300 U	6,600 U	5,100 U
Benzo(b)fluoranthene	UG/KG	-	-	6,300 U	6,600 U	5,100 U
Benzo(g,h,i)perylene	UG/KG	-	-	6,300 U	6,600 U	5,100 U
Benzo(k)fluoranthene	UG/KG	-	-	6,300 U	6,600 U	5,100 U

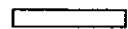
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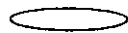
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NYSEG - FORMER TRANSIT STREET MGP SITE
LOCKPORT, NEW YORK

Location ID				SE-1(1990)	SE-2(1990)	SE-3(1990)
Sample ID				SE-01	SE-02	SE-03
Matrix				Sediment	Sediment	Sediment
Depth Interval (ft)				-	-	-
Date Sampled				11/15/90	11/15/90	11/15/90
Parameter	Units	Criteria (1)	Criteria (2)			
Semivolatile Organic Compounds						
bis(2-Chloroethoxy)methane	UG/KG	-	-	6,300 U	6,600 U	5,100 U
bis(2-Chloroethyl)ether	UG/KG	-	-	6,300 U	6,600 U	5,100 U
bis(2-Ethylhexyl)phthalate	UG/KG	-	-	6,300 U	6,600 U	5,100 U
Butylbenzylphthalate	UG/KG	-	-	6,300 U	6,600 U	5,100 U
Chrysene	UG/KG	-	-	6,300 U	6,600 U	5,100 U
Dibenz(a,h)anthracene	UG/KG	-	-	6,300 U	6,600 U	5,100 U
Dibenzofuran	UG/KG	-	-	6,300 U	6,600 U	5,100 U
Diethylphthalate	UG/KG	-	-	6,300 U	6,600 U	5,100 U
Dimethylphthalate	UG/KG	-	-	6,300 U	6,600 U	5,100 U
Di-n-butylphthalate	UG/KG	-	-	6,300 U	6,600 U	5,100 U
Di-n-octylphthalate	UG/KG	-	-	6,300 U	6,600 U	5,100 U
Fluoranthene	UG/KG	-	-	6,300 U	6,600 U	5,100 U
Fluorene	UG/KG	-	-	6,300 U	6,600 U	5,100 U
Hexachlorobenzene	UG/KG	-	-	6,300 U	6,600 U	5,100 U
Hexachlorobutadiene	UG/KG	-	-	6,300 U	6,600 U	5,100 U
Hexachlorocyclopentadiene	UG/KG	-	-	6,300 U	6,600 U	5,100 U
Hexachloroethane	UG/KG	-	-	6,300 U	6,600 U	5,100 U
Indeno(1,2,3-cd)pyrene	UG/KG	-	-	6,300 U	6,600 U	5,100 U
Isophorone	UG/KG	-	-	6,300 U	6,600 U	5,100 U
Naphthalene	UG/KG	-	-	6,300 U	6,600 U	5,100 U

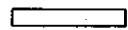
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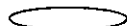
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NYSEG - FORMER TRANSIT STREET MGP SITE
LOCKPORT, NEW YORK

Location ID				SE-1(1990)	SE-2(1990)	SE-3(1990)
Sample ID				SE-01	SE-02	SE-03
Matrix				Sediment	Sediment	Sediment
Depth Interval (ft)				-	-	-
Date Sampled				11/15/90	11/15/90	11/15/90
Parameter	Units	Criteria (1)	Criteria (2)			
Semivolatile Organic Compounds						
Nitrobenzene	UGKG	-	-	6,300 U	6,600 U	5,100 U
N-Nitrosodimethylamine	UGKG	-	-	6,300 U	6,600 U	5,100 U
N-Nitroso-di-n-propylamine	UGKG	-	-	6,300 U	6,600 U	5,100 U
N-Nitrosodiphenylamine	UGKG	-	-	6,300 U	6,600 U	5,100 U
Pentachlorophenol	UGKG	-	-	31,000 U	32,000 U	25,000 U
Phenanthrene	UGKG	-	-	6,300 U	6,600 U	5,100 U
Phenol	UGKG	-	-	6,300 U	6,600 U	5,100 U
Pyrene	UGKG	-	-	6,300 U	6,600 U	5,100 U
Total Carcinogenic PAHs	UGKG	-	-	ND	ND	ND
Total Non-Carcinogenic PAHs	UGKG	-	-	ND	ND	ND
Total Polycyclic Aromatic Hydrocarbons	UGKG	-	-	ND	ND	ND
Total Semivolatile Organic Compounds	UGKG	-	-	31,000	32,000	25,000
Metals						
Aluminum	MGKG	-	-	14,000	13,000	11,000
Antimony	MGKG	2	25	12 U	12 U	9.2 U
Arsenic	MGKG	6	33	3.1	3.9	3.3
Barium	MGKG	-	-	88	90	100
Beryllium	MGKG	-	-	1.2	12	0.92
Cadmium	MGKG	0.6	9	1 U	0.99 U	0.76 U
Calcium	MGKG	-	-	31,000	36,000	31,000

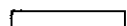
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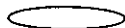
TABLE 1-7
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NYSEG - FORMER TRANSIT STREET MGP SITE
LOCKPORT, NEW YORK

Location ID				SE-1(1990)	SE-2(1990)	SE-3(1990)
Sample ID				SE-01	SE-02	SE-03
Matrix				Sediment	Sediment	Sediment
Depth Interval (ft)				-	-	-
Date Sampled				11/15/90	11/15/90	11/15/90
Parameter	Units	Criteria (1)	Criteria (2)			
Metals						
Chromium	MG/KG	28	110	26	28	41
Cobalt	MG/KG	-	-	10	11	7.6 U
Copper	MG/KG	16	110	39	44	44
Iron	MG/KG	20000	40000	23,000	26,000	22,000
Lead	MG/KG	31	110	31	46	76
Magnesium	MG/KG	-	-	11,000	12,000	12,000
Manganese	MG/KG	460	1100	540	550	510
Mercury	MG/KG	0.15	1.3	0.19 U	0.2 U	0.19
Nickel	MG/KG	16	50	29	36	35
Potassium	MG/KG	-	-	2,100	1,900	1,400
Selenium	MG/KG	-	-	4.6 U	4.8 U	3.8 U
Silver	MG/KG	1	2.2	1.9 U	2 U	1.5 U
Sodium	MG/KG	-	-	970 U	990 U	760 U
Thallium	MG/KG	-	-	1.8 U	1.9 U	1.5 U
Vanadium	MG/KG	-	-	21	20	17
Zinc	MG/KG	120	270	190	260	310
Miscellaneous Parameters						
Total Cyanide	MG/KG	-	-	0.94 U	0.96 U	0.72 U

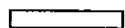
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Table 1-8
Summary of Groundwater Analytical Results
Stamps Atlantic Gas Station
100 South Transit Street, Lockport, NY
Current Levels as of 2/9/2005

Well Number	Total BTEX (µg/L)	Total MTBE (µg/L)
EX10	2187	69
EX3	478.1	ND
EX9	17540	ND
MW3	NS	NS
MW4	NS	NS
MW10	NS	NS
MW11	ND	300
MW12	3133	170
MW13	7.1	ND
RW1	6320	180

Notes:

NS = Not Sampled

ND = Not Detected

*All data from Quarterly Status Report, 1st Quarter (February)
2005, Sunoco Station DUNS #0363-2890, NYSDEC Spill #88-07842,
Matrix Environmental Technologies, Inc.*

**TABLE 1-9
REMEDIAL INVESTIGATION ANALYTICAL SUMMARY
NYSEG- TRANSIT STREET FORMER MGP SITE
LOCKPORT, NEW YORK**

Analytical Method	Soil Boring Samples	Surface Soil Samples	Sediment Samples	Surface Water Samples	Packer Testing Groundwater Samples	Monitoring Well Groundwater Samples	NAPL Samples
BTEX (8260B)			*				
TCL VOCs (8260B)	*			*	*	*	*
PAHs (8270C)							
TCL SVOCs (8270)	*	*	*	*	*	*	*
SVOCs (8270 mod.) (extended PAHs)	*		*			*	*
TCL PCBs (8082)	*	*	*	*		*	*
Total Phenols (9065)	*	*	*	*		*	
TAL Metals (6010B/7471A/7470A)	*	*	*	*		*	
Total Lead (6010B)					*		
Cyanide (total) (9012A)	*	*	*			*	
Cyanide (free/speciation)***	*	*	*				
Alkalinity (310.1)						*	
Chloride (300.0)						*	
Nitrate/Nitrite (300.0)						*	
Sulfate/Sulfide (300.0/376.2)						*	
Dissolved Iron (6010B)						*	
Ferrous Iron **						*	
Total Organic Carbon (TOC) (Lloyd Kahn)	*		*				
Natural Oxidant Demand (NOD)	*						
Total Dissolved Solids (TDS) (160.1)						*	
Reactivity (SW846 Ch. 7, Sec. 7.3)							*
Ignitibility (1020)							*
Percent Sulfur (ASTM D129)							*
Specific Gravity (ASTM 1429)							*
Kinematic Viscosity (ASTM D445/6)							*
TCLP VOCs (1311/8260B)							*

Notes

- * - Indicates some or all of the samples will be analyzed for this parameter.
- ** - Indicates parameter measured in field using HACH test kit.
- *** - Free cyanide and iron cyanide complexes by ion chromatography following ASTM Methods D4282 and D6994, respectively.

TABLE 2-1
SOIL BORING/MONITORING WELL/SURFACE SOIL LOCATION RATIONALE
NYSEG-TRANSIT STREET FORMER MGP SITE
LOCKPORT, NEW YORK

Location ID	Type	Rationale
GB-01	Soil boring/soil sampling	Delineate the western horizontal and vertical extent of MGP residuals.
GB-02	Soil boring/soil sampling	Delineate the western horizontal and vertical extent of MGP residuals.
GB-03	Soil boring/soil sampling	Delineate the western horizontal and vertical extent of MGP residuals.
GB-04	Soil boring/soil sampling	Delineate the northern horizontal and vertical extent of MGP residuals.
GB-05	Soil boring/soil sampling	Delineate the northern horizontal and vertical extent of MGP residuals.
GB-06	Soil boring/soil sampling	Delineate the northern horizontal and vertical extent of MGP residuals.
GB-07	Soil boring/soil sampling	Delineate the northern horizontal and vertical extent of MGP residuals.
GB-08	Soil boring/soil sampling	Delineate the northern horizontal and vertical extent of MGP residuals.
GB-09	Soil boring/soil sampling	Delineate the northern horizontal and vertical extent of MGP residuals.
GB-10	Soil boring/soil sampling	Delineate horizontal and vertical extent of MGP residuals in the vicinity of the previously observed tar sumps.
GB-11	Soil boring/soil sampling	Delineate horizontal and vertical extent of MGP residuals in the vicinity of the former oil tanks.
GB-12	Soil boring/soil sampling	Delineate horizontal and vertical extent of MGP residuals in the vicinity of the former oil tanks.
GB-13	Soil boring/soil sampling	Delineate horizontal and vertical extent of MGP residuals around the former 150,000 cubic foot gas holder.
GB-14	Soil boring/soil sampling	Delineate horizontal and vertical extent of MGP residuals around the former 150,000 cubic foot gas holder.
GB-15	Soil boring/soil sampling	Delineate horizontal and vertical extent of MGP residuals around the former 150,000 cubic foot gas holder.
GB-16	Soil boring/soil sampling	Delineate horizontal and vertical extent of MGP residuals around the former 150,000 cubic foot gas holder.

TABLE 2-1
SOIL BORING/MONITORING WELL/SURFACE SOIL LOCATION RATIONALE
NYSEG-TRANSIT STREET FORMER MGP SITE
LOCKPORT, NEW YORK

Location ID	Type	Rationale
GB-17	Soil boring/soil sampling	Delineate horizontal and vertical extent of MGP residuals at the Reid's Petroleum Site following excavation and construction in the area.
GB-18	Soil boring/soil sampling	Delineate horizontal and vertical extent of MGP residuals at the Reid's Petroleum Site following excavation and construction in the area.
GB-19	Soil boring/soil sampling	Delineate horizontal and vertical extent of MGP residuals at the Reid's Petroleum Site following excavation and construction in the area.
GB-20	Soil boring/soil sampling	Delineate horizontal and vertical extent of MGP residuals at the Reid's Petroleum Site following excavation and construction in the area.
GB-21	Soil boring/soil sampling	Delineate horizontal and vertical extent of MGP residuals at the Reid's Petroleum Site following excavation and construction in the area.
GB-22	Soil boring/soil sampling	Delineate horizontal and vertical extent of MGP residuals at the Reid's Petroleum Site following excavation and construction in the area.
GB-23	Soil boring/soil sampling	Delineate horizontal and vertical extent of MGP residuals at the Reid's Petroleum Site following excavation and construction in the area.
GB-24	Soil boring/soil sampling	Delineate horizontal and vertical extent of MGP residuals at the Reid's Petroleum Site following excavation and construction in the area.
GB-25	Soil boring/soil sampling	Delineate horizontal and vertical extent of MGP residuals at the Reid's Petroleum Site following excavation and construction in the area.
GB-26	Soil boring/soil sampling	Delineate horizontal and vertical extent of MGP residuals at the Reid's Petroleum Site following excavation and construction in the area.
GB-27	Soil boring/soil sampling	Delineate horizontal and vertical extent of MGP residuals at the Reid's Petroleum Site following excavation and construction in the area.
GB-40	Soil boring/soil sampling	Delineate the downgradient horizontal and vertical extent of MGP residuals northwest of the site.
GB-41	Soil boring/soil sampling	Delineate the downgradient horizontal and vertical extent of MGP residuals northwest of the site.
GB-42	Soil boring/soil sampling	Delineate the downgradient horizontal and vertical extent of MGP residuals north of the site.
GB-43	Soil boring/soil sampling	Delineate the downgradient horizontal and vertical extent of MGP residuals north of the site.
BMW-04-01	Shallow Bedrock Monitoring Well	Assess groundwater quality in shallow bedrock beneath eastern portion of the site.

TABLE 2-1
SOIL BORING/MONITORING WELL/SURFACE SOIL LOCATION RATIONALE
NYSEG-TRANSIT STREET FORMER MGP SITE
LOCKPORT, NEW YORK

Location ID	Type	Rationale
BMW-04-02	Deep Bedrock Monitoring Well	Assess groundwater quality in the lower portion of the Rochester Shale and evaluate hydraulic gradient.
BMW-04-03	Deep Bedrock Monitoring Well	Assess groundwater quality in the lower portion of the Rochester Shale and evaluate hydraulic gradient.
BMW-04-08	Shallow Bedrock Monitoring Well	Assess groundwater quality in the lower Lockport rock units near the former oil tanks.
BMW-04-09	Intermediate Bedrock Monitoring Well	Assess dissolved groundwater plume west of the Transit Street Site.
BMW-04-10	Deep Bedrock Monitoring Well	Assess groundwater quality north of the site on the western bank of the New York State Barge Canal.
BMW-04-11	Intermediate Bedrock Monitoring Well	Assess groundwater quality at intermediate bedrock just north of the site near the former gas holder.
BMW-04-12	Intermediate Bedrock Monitoring Well	Assess groundwater quality at intermediate bedrock downgradient just north of the site.
BMW-04-13	Deep Bedrock Monitoring Well	Assess groundwater quality west of the site along the western bank of the New York State Barge Canal.
BMW-04-14	Intermediate Bedrock Monitoring Well	Assess groundwater quality at intermediate bedrock south of the site .
IW-1	Overburden/Bedrock Interface Monitoring Well	Replaced previously existing, destroyed monitoring well.
IW-2	Overburden/Bedrock Interface Monitoring Well	Replaced previously existing, destroyed monitoring well.
MW-01	Intermediate Bedrock Monitoring Well	Replaced previously existing, destroyed monitoring well.
MW-02	Deep Bedrock Monitoring Well	Replaced previously existing, destroyed monitoring well.
MW-04	Intermediate Bedrock Monitoring Well	Replaced previously existing, destroyed monitoring well.
MW-06	Shallow Bedrock Monitoring Well	Replaced previously existing, destroyed monitoring well.
MW-09	Intermediate Bedrock Monitoring Well	Replaced previously existing, destroyed monitoring well.

TABLE 2-1
SOIL BORING/MONITORING WELL/SURFACE SOIL LOCATION RATIONALE
NYSEG-TRANSIT STREET FORMER MGP SITE
LOCKPORT, NEW YORK

Location ID	Type	Rationale
MW-10	Shallow Bedrock Monitoring Well	Replaced previously existing, destroyed monitoring well.
MW-10S	Overburden/Bedrock Interface Monitoring Well	Assess groundwater quality at overburden/bedrock interface in the vicinity of MW-10.
MW-14	Intermediate Bedrock Monitoring Well	Replaced previously existing, destroyed monitoring well.
MW-15	Intermediate Bedrock Monitoring Well	Replaced previously existing, destroyed monitoring well.
SMW-04S/D	Overburden Monitoring Well	Replaced previously existing, destroyed monitoring well.
SMW-9	Overburden Monitoring Well	Replaced previously existing, destroyed monitoring well.
SMW-10	Overburden Monitoring Well	Replaced previously existing, destroyed monitoring well.
SMW-11	Overburden Monitoring Well	Replaced previously existing, destroyed monitoring well.
SW/SED-01	Surface Water/Sediment Sample	Assess canal sediments and surface water upstream from site approximately 300 feet upstream of Route 93.
SW/SED-02	Surface Water/Sediment Sample	Assess canal sediments and surface water along the north side of the Canal near TS-01.
SED-03	Sediment Sample	Assess canal sediments along the north side of the Canal between TS-03 and TS-04.
SW/SED-04	Surface Water/Sediment Sample	Assess canal sediments and surface water along the south side of the canal between TS-04 and TS-05.
SED-05	Sediment Sample	Assess canal sediments along the north side of the canal near TS-07.
SW/SED-06	Surface Water/Sediment Sample	Assess canal sediments and surface/seep water along the south side of the canal near TS-10.
SED-07	Sediment Sample	Assess canal sediments along the north side of the canal near TS-10.
SED-08	Sediment Sample	Assess canal sediments along the south side of the canal near TS-11.

TABLE 2-1
SOIL BORING/MONITORING WELL/SURFACE SOIL LOCATION RATIONALE
NYSEG-TRANSIT STREET FORMER MGP SITE
LOCKPORT, NEW YORK

Location ID	Type	Rationale
SED-09	Sediment Sample	Assess canal sediments along the north side of the canal near TS-11.
SED-10	Sediment Sample	Assess canal sediments along the north side of the canal near TS-12.
SW/SED-11	Surface Water/Sediment Sample	Assess canal sediments and surface water along the north side of the canal, along TS-12.
SW/SED-12	Surface Water/Sediment Sample	Assess canal sediments and surface water along north side of the canal about 400 feet upstream of the locks.
SED-13	Sediment Sample	Assess canal sediments along the south side of the canal about 300 feet upstream of the locks.
SW/SED-14	Surface Water/Sediment Sample	Assess canal sediments and surface water beneath the locks near TS-14 along the north side of the canal.
SED-15	Sediment Sample	Assess canal sediments beneath the locks near TS-14 along the south side of the canal.
SED-16	Sediment Sample	Assess canal sediments northwest of the site along the south side of canal near Transit Street Bridge.
SED-17	Sediment Sample	Assess canal sediments north of the site along the south side of canal near Transit Street Bridge.
SED-18	Sediment Sample	Assess canal sediments north of the site along the south side of canal near Transit Street Bridge.
SED-19	Sediment Sample	Assess canal sediment downstream of NAPL along TS-15.
SED-20	Sediment Sample	Assess canal sediment downstream of NAPL outbreaks along TS-17.
SED-21	Sediment Sample	Assess canal sediment downstream of NAPL outbreaks along TS-16.
SED-22	Sediment Sample	Assess canal sediment beneath the locks, along north side of canal near TS-18.
SED-23	Sediment Sample	Assess canal sediment beneath the locks on the north side of the canal along TS-19.
SED-24	Sediment Sample	Assess canal sediment beneath the locks on the south side of the canal along TS-20.

TABLE 2-1
SOIL BORING/MONITORING WELL/SURFACE SOIL LOCATION RATIONALE
NYSEG-TRANSIT STREET FORMER MGP SITE
LOCKPORT, NEW YORK

Location ID	Type	Rationale
SED-25	Sediment Sample	Assess canal sediment immediately downstream of NAPL outbreaks in Canal rock cut along TS-21.
SED-26	Sediment Sample	Assess canal sediment immediately downstream of NAPL outbreaks in Canal rock cut along TS-21.
SED-27	Sediment Sample	Assess canal sediment approximately 300 feet upstream from SW-01/SED-01 near surface water outfall near Route 93 bridge.
SED-28	Sediment Sample	Assess canal sediment immediately downstream of NAPL outbreaks in Canal rock cut along TS-21.
SED-29	Sediment Sample	Assess canal sediment on north side of canal in between TS-11 and TS-12.
SED-30	Sediment Sample	Assess canal sediment on south side of canal in between TS-11 and TS-12.
SED-31	Sediment Sample	Assess canal sediment downstream of site on north side of canal along TS-17.
SED-32	Sediment Sample	Assess canal sediments along north side of the canal about 500 feet upstream of the locks.
SED-33	Sediment Sample	Assess sediment along north side of the canal upstream of site approximately 1,200 feet downstream of Route 93 bridge.
SED-34	Sediment Sample	Assess sediment along south side of the canal upstream of site approximately 1,200 feet downstream of Route 93 bridge.
SED-35	Sediment Sample	Assess sediment along north side of the canal upstream of site approximately 2,700 feet downstream of Route 93 bridge.
SED-36	Sediment Sample	Assess sediment along north side of the canal upstream of site approximately 3,000 feet downstream of Route 93 bridge.
VPSS-1	Sediment Sample	Assess sediment along south wall of TS-01 about 500 feet upstream of High Street Bridge.
SW-08	Surface Water Sample	Assess surface water outfall near Route 93 bridge crossing.
SW-09	Surface Water Sample	Assess outfall near TS-01.
SS-07	Surface Soil Sample	Evaluate surface soil conditions between the sidewalk and substation fence line along Transit Street.

TABLE 2-1
SOIL BORING/MONITORING WELL/SURFACE SOIL LOCATION RATIONALE
NYSEG-TRANSIT STREET FORMER MGP SITE
LOCKPORT, NEW YORK

Location ID	Type	Rationale
SS-08	Surface Soil Sample	Evaluate surface soil conditions between the sidewalk and substation fence line along Transit Street.
SS-09	Surface Soil Sample	Evaluate surface soil conditions between the sidewalk and substation fence line along Lagrange Street.

TABLE 2-2
SUBSURFACE SOIL SAMPLE LABORATORY ANALYSIS SUMMARY
NYSEG - TRANSIT STREET FORMER MGP SITE
LOCKPORT, NEW YORK

Sample ID	TCL VOCs	TCL SVOCs	TCL PCBs	Total Recoverable Phenolics	TAL Metals	Total Cyanide	Extended PAHs	TOC	NOD
GB-01 8.4-9.4	x	x	x	x	x	x			
GB-02 9-10	x	x	x	x	x	x			
GB-03 9-11	x	x	x	x	x	x			
GB-04 3-4								x	x
GB-04 5.2-7.2	x	x	x	x	x	x			
GB-05 6-8	x	x	x	x	x	x			
GB-05 6.8-7.0							x		
GB-05 9-10	x	x	x	x	x	x			
GB-06 7-8	x	x	x	x	x	x	x		
GB-06 8.5-10.5	x	x	x	x	x	x			
GB-07 5.0-5.2							x		
GB-07 5.5-6.5	x	x	x	x	x	x			
GB-07 12.5-13.5	x	x	x	x	x	x			
GB-08 12-14	x	x	x	x	x	x	x		
GB-08 15-16	x	x	x	x	x	x			
GB-09 10-12	x	x	x	x	x	x	x	x	x
GB-09 12-13.8	x	x	x	x	x	x	x		
GB-10 6.0-6.2						x			
GB-10 9.5-10.5	x	x	x	x	x	x			
GB-10 12.6-13.6	x	x	x	x	x	x			
GB-11 16-17	x	x	x	x	x	x			
GB-12 3-4	x	x	x	x	x	x			
GB-12 17.5-18.5	x	x	x	x	x	x			
GB-13 7-8	x	x	x	x	x	x			
GB-13 16-17								x	x
GB-13 17.8-18.8	x	x	x	x	x	x			
GB-14 8.5-9.5	x	x	x	x	x	x			
GB-14 16.5-17.5	x	x	x	x	x	x			
GB-15 2-3	x	x	x	x	x	x			
GB-15 3-4								x	x
GB-15 18-19	x	x	x	x	x	x			
GB-16 0.5-1.5	x	x	x	x	x	x			
GB-16 15-16	x	x	x	x	x	x			
GB-17 6.2-8.2	x	x	x	x	x	x	x	x	x
GB-18 0.5-1.5	x	x	x	x	x	x			
GB-18 6.5-7.0	x						x		
GB-19 7-8	x	x	x	x	x	x	x	x	x
GB-20 4-6	x	x	x	x	x	x		x	x
GB-20 7.5-8.5	x	x	x	x	x	x			
GB-21 7-8	x	x	x	x	x	x			
GB-22 7-8	x	x	x	x	x	x	x		
GB-23 3-4									x
GB-23 6.4-8.4	x	x	x	x	x	x	x	x	
GB-24 6-8	x	x	x	x	x	x			
GB-24 9-9.8	x	x	x	x	x	x	x		
GB-25 8-9	x	x	x	x	x	x	x		
GB-26 8.5-9.5								x	x
GB-26 9.5-10.75	x	x	x	x	x	x			
GB-26 10.75-11							x		
GB-27 7.0-8.0	x	x	x	x	x	x			
GB-27 11-12	x	x	x	x	x	x			
GB-40 9.8-10.8	x	x	x	x	x	x			
GB-41 9.5-10.5	x	x	x	x	x	x			
GB-42 6-8	x	x	x	x	x	x			
GB-42 8.5-10.5	x	x	x	x	x	x		x	x
GB-43 5-5.5	x	x	x	x	x	x			
GB-43 10-12	x	x	x	x	x	x			

Table 2-3
Sediment Sample Analysis Summary
Former Transit Street and State Road MGP Sites - Lockport, New York
New York State Electric & Gas

Collection Date	Location ID	Sample Depth (feet)	Sample ID	Description	PID Readings (ppm)	Analysis	
						STL	META
4/9/05	SED-01	0-1.5	SED-1	Gray organic-rich Silt with Clay, some plant stems, and leaves, mussel shells, trace gravel.	NA	X	X
4/9/05	SED-02	0-1	SED-2 0-1	Dark brown Silt, trace clay, no odor or sheens	0.0	X	X
4/9/05	SED-02	2.5-3	SED-2 2.5-3	Dark brown to blue gray silt, trace clay, with an undifferentiated petroleum-like odor.	0.0	X	
4/9/05	SED-03	0-1	SED-3 0-1	Dark gray Clayey Silt, trace organics	0.0	X	X
4/9/05	SED-03	2.5-3	SED-3 2.5-3	Dark gray Clayey Silt, trace organics, trace sand.	NA		
4/9/05	SED-03	3.5-4	SED-3 3.5-4	Dark gray Clayey Silt, trace organics, trace sand, faint undifferentiated petroleum odor noted.	0.0	X	
4/9/05	SED-04	0-1	SED-4 0-1	0-4": Medium Brown, fine to medium sand and fine to medium gravel, 4"-1": Black clayey Silt, slight to moderate undifferentiated petroleum odor.	0.0	X	
4/9/05	SED-04	2.5-3	SED-4 2.5-3	Black clayey Silt, moderate undifferentiated petroleum odor.	0.0		
4/9/05	SED-04	3.5-4	SED-4 3.5-4	Black Clayey Silt, slight to moderate undifferentiated petroleum odor. Shale fragments, slight sheen.	0.0	X	
4/9/05	SED-05	0-1	SED-5 0-1	Medium brown clayey silt, trace fine sand, fine gravel.	0.0	X	X
4/9/05	SED-05	2.5-3	SED-5 2.5-3	Medium brown clayey silt, trace fine sand, fine gravel, with slight to moderate petroleum odor.	0.0		
4/9/05	SED-05	3.5-4	SED-5 3.5-4	Dark gray Clayey Silt, trace fine sand, fine gravel. Moderate undifferentiated petroleum odor.	0.0	X	
4/11/05	SED-06	0-1	SED-06 0-1	Brown-Gray clayey silt, some angular gravel, trace sand.	0.0	X	X
4/11/05	SED-06	1-2	SED-06 1-2	Dark Gray, Clayey Silt, some angular gravel, slight petroleum odor, MGP odor and sheen blebs.	0.0	X	X
4/11/05	SED-07	0-1	SED-07 0-1	Light Gray to medium Gray Clayey Silt, trace fine to coarse gravel, slight undifferentiated petroleum odor at 1.0'.	0.0	X	X
4/11/05	SED-08	0-1	SED-08 0-1	0-0.4: Gravel, 0.4-1.0: Dark gray to black Clayey Silt, trace to some gravel, sheen blebs and slight petroleum and/or MGP odors.	0.0	X	X
4/11/05	SED-09	0-1	SED-09 0-1	Brown Gray Clayey Silt, trace coarse sand and fine gravel.	0.0	X	
4/11/05	SED-09	1.5-2.5	SED-09 1.5-2.5	Brown Gray Clayey Silt, trace coarse sand and fine gravel, slight petroleum odor.	0.0		
4/11/05	SED-09	3-4	SED-09 3-4	Dark-Medium Gray Clayey Silt trace coarse Sand and fine gravel, slight petroleum odor.	0.0	X	
4/11/05	SED-10	0-1	SED-10 0-1	Brown, Clayey Silt, trace angular gravel and silt.	0.0	X	
4/11/05	SED-10	1-2	SED-10 1-2	Gray, Clayey Silt, trace gravel, slight petroleum odor.	0.0	X	
4/11/05	SED-11	.5-1.5	SED-11 .5-1.5	Brown to Gray, Clayey Silt, trace angular gravel and sand, slight undifferentiated petroleum odor.	0.0	X	
4/10/05	SED-12	0-1	SED-12 0-1	Brown Silty Clay, trace coarse sand. Soft 0-0.5' then Stiff. Some black mottling. Slight undifferentiated petroleum odor.	0.0	X	

Table 2-3
Sediment Sample Analysis Summary
Former Transit Street and State Road MGP Sites - Lockport, New York
New York State Electric & Gas

Collection Date	Location ID	Sample Depth (feet)	Sample ID	Description	PID Readings (ppm)	Analysis	
						STL	META
4/10/05	SED-13	0-1	SED-13 0-1	0-0.5': Brown Silty Clay, sticky, trace organics (roots, stems) 0.5-1.0': Dark Gray Silty Clay, some fine shale gravel, undifferentiated petroleum odor.	0.0	X	X
4/10/05	SED-13	1-2	SED-13 1-2	Dark Gray Stiff Silty Clay, some fine to coarse shale gravel, undifferentiated petroleum odor.	0.4		X
4/10/05	SED-13	2-3	SED-13 2-3	Dark Gray Silty Clay with some fine shale gravel (angular), trace coarse sand, undifferentiated petroleum odor.	0.0	X	X
4/10/05	SED-14	.5-1.5	SED-14 .5-1.5	0-0.5': Gray to black Fine Sand and Gravel, some mussel shells. 0.5-1.5': Medium Gray Silty Clay, trace fine sand and gravel.	0.0	X	X
4/10/05	SED-14	1.5-2.5	SED-14 1.5-2.5	Light gray Clayey Silt, trace organics.	0.0	X	
4/10/05	SED-15	.5-1.5	SED-15 .5-1.5	Black Silty Sand, some gravel and shells, moderate petroleum odor.	0.0	X	X
4/10/05	SED-15	1.5-2.5	SED-15 1.5-2.5	Dark Gray, Fine Sandy Silt, trace gravel and wood fragments, sheen and moderate odor.	0.0	X	
4/9/05	SED-16	0-1	SED-16 0-1	0-5": Brown Silty Sand and Gravel. 5"-1': Black, Clayey Silt, trace sand and gravel, moderate undifferentiated petroleum odor and slight sheen.	0.0	X	
4/9/05	SED-17	0-1	SED-17 0-1	Gray-Brown, Silty Clay, trace fine gravel, sand, slight undifferentiated petroleum odor.	0.0	X	
4/9/05	SED-18	0-1	SED-18 0-1	Gray-Brown to Black, Sandy Silt, trace clay, slight undifferentiated petroleum odor, slight sheen.	0.0	X	
4/11/05	SED-19	0-1	SED-19 0-1	Brown/Gray Silt trace clay, some fine to coarse gravel and shells.	0.0	X	
4/11/05	SED-20	0-0.7	SED-20 0-0.7	Brown Gray Clayey Silt and gravel	0.0	X	X
4/10/05	SED-21	0-0.7	SED-21 0-0.7	Soft, Brown to Dark Brown Clayey Silt, some black mottling, trace fine angular gravel.	NA	X	
4/10/05	SED-22	2-3	SED-22 2-3	Black Silty Sand/Sandy Silt, some organics, trace gravel and sheen.	0.0	X	
4/10/05	SED-23	0-1	SED-23 0-1	Black Sandy silt, some organics, trace gravel and mussel shells, swampy odor.	0.0	X	
4/10/05	SED-23	1.5-2.5	SED-23 1.5-2.5	Light Gray Silty Clay/Clayey Silt, trace shell fragments, wood fragments.	0.0	X	
4/10/05	SED-24	0-1	SED-24 0-1	Black Sandy Silt, some organics, trace gravel and mussel shells.	0.0	X	X
4/10/05	SED-24	1.5-2.5	SED-24 1.5-2.5	Light gray Silty Clay/Clayey Silt, trace organics.	0.0	X	
4/12/05	SED-25	0-1	SED-25 0-1	0-0.5': Brown to Gray, Sand and Gravel. 0.5'-1.0': Dark Gray to Black Clayey Silt with Gravel, slight MGP odor, slight petroleum odor.	0.0	X	
4/12/05	SED-26	0-1	SED-26 0-1	Brown Clayey Silt, trace sand and gravel, soft.	0.0	X	
4/12/05	SED-26	1.5-2.5	SED-26 1.5-2.5	Gray Clayey Silt, trace sand and gravel, soft.	0.0		
4/12/05	SED-26	3-4	SED-26 3-4	Gray to Dark Gray to Black Clayey Silt, trace sand and gravel with weathered petroleum odor.	0.0	X	
4/9/05	SED-27	0-1	SED-27	Fine Silty Sand with some organics, leaves and plant stems, trace gravel.	0.0	X	
4/12/05	SED-28	0-1	SED-28 0-1	Medium Gray-Brown, Clayey Silt, some fine to coarse gravel, trace shells	0.0	X	

Table 2-3
Sediment Sample Analysis Summary
Former Transit Street and State Road MGP Sites - Lockport, New York
New York State Electric & Gas

Collection Date	Location ID	Sample Depth (feet)	Sample ID	Description	PID Readings (ppm)	Analysis	
						STL	META
4/12/05	SED-28	1-2	SED-28 1-2	Medium-Dark Gray Clayey Silt, trace gravel	0.0	X	
4/12/05	SED-29	0.5-1.5	SED-29 0.5-1.5	Dark Brown Clayey Silt, some medium sand and very fine gravel. Slight chemical odor.	0.0	X	
4/12/05	SED-30	0-1	SED-30 0-1	0-0.4': Sand and Gravel, 0.4-1.0': Gray Silty Clay, some sand and fine to medium angular shale gravel. Petroleum-like odor.	0.0	X	
4/12/05	SED-30	1-2	SED-30 1-2	Black Clayey Silt, trace sand and very fine gravel, slightly stiff. Chemical odor.	0.0	X	
4/12/05	SED-31	0-1	SED-31 0-1	Brown Silty Sand, fine to coarse angular gravel, loose, increase in silt content (0.5-1.0').	0.0	X	
4/12/05	SED-31	1-2	SED-31 1-2	Brown Silty Clay, trace fine to medium gravel, slight chemical-like odor.	0.0	X	
4/12/05	SED-32	0-1	SED-32 0-1	Brown Clayey Silt, some fine to medium angular gravel. No odor, Loose.	0.0	X	
4/12/05	SED-32	2.5-3	SED-32 2.5-3		0.0		
4/12/05	SED-32	4-4.8	SED-32 4-4.8	Black Clayey Silt, trace fine angular shale gravel.	0.0	X	
4/12/05	SED-33	0-1	SED-33 0-1	Black organic Clayey Silt, soft, decay odor.	0.0	X	
4/12/05	SED-34	0-1	SED-34 0-1	Gray Clayey Silt, trace gravel, cobbles, slight petroleum odor.	0.0	X	
4/12/05	SED-35	0-1	SED-35 0-1	Black, Clayey Silt, some organics and shells, slight petroleum odor, small sheen blebs.	NA	X	
4/12/05	SED-36	0-1	SED-36 0-1	Dark Gray Clayey Silt, very soft, Decay/sewage-like odor.	0.0	X	
4/9/05	VPSS-1	0-1	VPSS-1-0-1	Dark Gray, Clayey Silt, some organics, trace fine gravel and sand.	0.0		X
4/9/05	VPSS-1	1-2	VPSS-1-1-2	Dark Gray, Clayey Silt, some organics, trace gravel.	0.0		X

Notes:

NA - Data not available

TABLE 2-4
WELL RETROFITTING SUMMARY
NYSEG - TRANSIT STREET FORMER MGP SITE
LOCKPORT, NEW YORK

Well ID	Original Open Hole Interval (in feet bgs)	Rationale	Retrofitted Screen Interval (in feet bgs)
BMW-04-01	25 - 70	Long open interval not paired with other wells, convert to discrete zone 50-70'. Visible contamination was observed during coring at 52.6-52.7'.	50 - 70
BMW-04-02	14 - 59.7	Long open interval overlaps nearby MW-17 (10-35). Convert to discrete zone to create a usable well pair. Assess vertical hydraulic gradient.	40 - 59.7
BMW-04-03	13 - 75	Long open interval overlaps nearby MW-01 (13.5-50). Convert to discrete zone to create a usable well pair. Assess vertical hydraulic gradient.	55 - 75
BMW-04-09	20.5 - 79.5	Long open interval not paired with other wells, convert to discrete zone 45-65' with a 5' sump. Visible contamination was observed during coring from 52.5-64.1'.	45 - 65
MW-02	8 - 55	Open Hole 47 feet in length. Convert to Deep monitoring well only by setting packer at 35'.	35 - 55
MW-03	13.9 - 60	Open hole approximately 46 feet in length. Overlaps nearby MW-07 (45.5-55.5). DNAPL accumulates with existing construction.	Not modified
MW-04	45.5 - 85.5	Long open interval not paired with other wells, convert to discrete zone 65.5-85.5'. No visible or olfactory contamination was indicated while coring this well.	65.5 - 85.5
MW-09	25.7 - 65	Long open interval not paired with other wells, convert to discrete zone 45-60' with a sump from 60'-65'. Visible contamination, coal tar on fracture at 47.45', and odor/sheens were observed while coring 45-50' and 55-60'.	45 - 60
MW-13	10.6 - 50	Well on fringe of Intermediate Bedrock contamination. No Exceedances were detected for VOCs or SVOCs during June 2005 sampling.	Not modified
MW-14	39.7 - 80	Long open interval not paired with other wells, convert to discrete zone 60-80'. Slight MGP odor observed on rock core at approximately 60.65'.	60 - 80
MW-15	11 - 50	Long open interval not paired with other wells, convert to discrete zone 30-50'.	30 - 50
MW-18	14.5 - 50	Well on fringe of Intermediate Bedrock contamination. No Exceedances were detected for VOCs or SVOCs during June 2005 sampling.	Not modified
MW-19	11 - 45	Well on fringe of Intermediate Bedrock contamination. No Exceedances were detected for VOCs or SVOCs during June 2005 sampling.	Not modified

TABLE 3-1
SUMMARY OF SOIL BORING OBSERVATIONS
NYSEG - TRANSIT STREET FORMER MGP SITE
LOCKPORT, NEW YORK

Boring ID	Top and Bottom of Lithologic Units (feet below ground surface)			Depth of Boring (ft)	Maximum PID Reading (ppm)	Target Area Investigated	Comments/ Notes
	Fill	Native Soil	Top of Bedrock				
GB-01	0-9.4	-	9.4	9.4	Non-Detect	Transit Street Across road from Site	None
GB-02	0-5	5-10	10	10	Non-Detect	Transit Street Across road from Site	None
GB-03	0-7	7-11	11	11	Non-Detect	Transit Street Across road from Site	None
GB-04	0-7.2	-	7.2	7.2	250 @ 6.8'	Transit Street Site - Northern property boundary.	Wood Chips 4.0'-5.5', Coal Tar Staining 5.5'-7.2'.
GB-05	0-7.8	7.8-10	10	10	49.5 @ 5.0'	Transit Street Site - Northern property boundary.	Wood Chips 4.0'-5.2', Coal Tar Blebs 5.0'-5.2', 6.8'-7.0', and 7.8'-10.0'.
GB-06	0-8	8-10.5	10.5	10.5	Non-Detect	Transit Street Site - Northern property boundary.	Slight odor 8.0'-10.5'.
GB-07	0-7	7-13.5	13.5	13.5	5.7 @ 4'-8'	Transit Street Site - Northern property boundary.	MGP odor 4'-12', Coal Tar Blebs 5.0'-5.2', 6.8'-7.0', trace Tar 8'-12'.
GB-08	0-11	11-16	16	16	Non-Detect	Transit Street Site - Northern property boundary.	Coal Tar Blebs 11'-16'
GB-09	0-10	10-13.8	-	13.8	50.5 @ 4.5'	Transit Street Site - Purifier Area	Tar Blebs and Sheen 4.5'-13.8'
GB-10	0-10.5	10.5-13.6	13.6	13.6	28.5 @ 9.5'	Transit Street Site - Area where Tar Sumps historically observed.	Odor 9.0'-12.0'. Wood chips 6.0-6.2'.
GB-11	0-7	7-17	-	17	Non-Detect	Transit Street Site - Area where Oil Tanks historically observed.	None
GB-12	0-11	11-18.5	-	18.5	Non-Detect	Transit Street Site - Area where Oil Tanks historically observed.	Slight MGP odor and sheen 3'-4'.
GB-13	0-7.5	7.5-18.8	18.8	18.8	Non-Detect	Transit Street Site - Northern edge of former 150,000 cubic foot gas holder.	Staining 4'-6', and 7.5'-8.0'. No odor.
GB-14	0-10	10-17.5	-	17.5	Non-Detect	Transit Street Site - Western edge of former 150,000 cubic foot gas holder.	Sheen, odor, and tar blebs 8'-10'.
GB-15	0-3	3-19	-	19	Non-Detect	Transit Street Site - Eastern edge of former 150,000 cubic foot gas holder.	MGP Sheen and odor 2'-3'.
GB-16	0-4	4-17	-	17	Non-Detect	Transit Street Site - Southern edge of former 150,000 cubic foot gas holder.	MGP Sheen and odor 0.2'-14.0'.
GB-17	0-8.2	-	8.2	8.2	45.0 @ 6.0'	Reid's Petroleum - To delineate coal tar observed on top of rock during construction.	Gasoline odor 6.0'-8.4'.
GB-18	0-7	-	7	7	10.1 @ 6.5'	Reid's Petroleum - To delineate coal tar observed on top of rock during construction.	Petroleum odor 6.5'-7.0'.
GB-19	0-8	-	8	8	Non-Detect	Reid's Petroleum - To delineate coal tar observed on top of rock during construction.	Coal Tar Blebs 7.2'-8.0'.
GB-20	0-7.5	7.5-8.5	8.5	8.5	Non-Detect	Reid's Petroleum - To delineate coal tar observed on top of rock during construction.	None
GB-21	0-8	-	8	8	Non-Detect	Reid's Petroleum - To delineate coal tar observed on top of rock during construction.	Coal Tar Blebs 7.0'-8.0'.
GB-22	0-8	-	8	8.5	102 @ 7'-8'	Reid's Petroleum - To delineate coal tar observed on top of rock during construction.	Petroleum odor 7.0'-8.0'.
GB-23	0-8.4	-	8.4	8.4	Non-Detect	Reid's Petroleum - To delineate coal tar observed on top of rock during construction.	MGP Odor and wood chips 6.0'-8.2', Coal Tar Blebs 8.2'-8.4'.
GB-24	0-9.8	-	9.8	9.8	44 @ 8.0'	Reid's Petroleum - To delineate coal tar observed on top of rock during construction.	Moderate petroleum odor 6'-8', strong petroleum odor 8.0'-9.8'.

TABLE 3-1
SUMMARY OF SOIL BORING OBSERVATIONS
NYSEG - TRANSIT STREET FORMER MGP SITE
LOCKPORT, NEW YORK

Boring ID	Top and Bottom of Lithologic Units (feet below ground surface)			Depth of Boring (ft)	Maximum PID Reading (ppm)	Target Area Investigated	Comments/ Notes
	Fill	Native Soil	Top of Bedrock				
GB-25	0-9	-	9	9	Non-Detect	Reid's Petroleum - To delineate coal tar observed on top of rock during construction.	Moderate MGP odor 8'-9'.
GB-26	0-6	6-11	11	11	102 @ 10.75'-11.0'	Reid's Petroleum - To delineate coal tar observed on top of rock during construction.	Stain and MGP odor 9.0-9.5', Coal Tar impacted gravel 10.75'-11.00'.
GB-27	0-7	7-12	12	12	Non-Detect	Reid's Petroleum - To delineate coal tar observed on top of rock during construction.	Wood Chips 4.0'-5.5', MGP odor 5.5'-12.0'.
GB-40	0-10.8	-	-	10.8	Non-Detect	Transit Street Across road from Site	None
GB-41	0-10.6	-	-	10.6	Non-Detect	Transit Street Across road from Site	None
GB-42	0-8	8-10.5	10.5	10.5	3.2 @ 4'-8'	Reid's Petroleum - To delineate coal tar observed on top of rock during construction.	Coal Tar Blebs 6.0-10.5'.
GB-43	0-8	8-12	12	12.5	4.5 @ 8'-12'	Reid's Petroleum - To delineate coal tar observed on top of rock during construction.	Wood Chips 5.0-5.5', MGP odor and Sheen 5.0'-5.5' and 8'-12'.

TABLE 3-2
SUMMARY OF BEDROCK CORE OBSERVATIONS
NYSEG - TRANSIT STREET FORMER MGP SITE
LOCKPORT, NEW YORK

Well ID	Top of Bedrock (feet bgs)	Run # (Depth)	Recovery %	RQD	Observations
BMW-04-01	20	C-01 (17' - 20')	NR	NR	Drilled through boulders.
		C-02 (20' - 25')	100	91	None
		C-03 (25' - 29.5')	100	100	None
		C-04 (29.5' - 34.5')	100	100	None
		C-05 (34.5' - 39')	100	91	None
		C-06 (39' - 44.5')	100	100	None
		C-07 (44.5' - 49.5')	100	100	None
		C-08 (49.5' - 54.5')	100	98	MGP Odor and Sheen noted on core from 52.6'-52.7'.
		C-09 (54.5' - 59.5')	100	92	None
		C-10 (59.5' - 65')	100	85	None
		C-11 (65' - 70')	100	84	None
BMW-04-02	8	C-01 (9' - 14')	100	96	Gasoline odor at top of rock.
		C-02 (14.5' - 19.5')	100	90	None
		C-03 (19.5' - 24.5')	100	100	None
		C-04 (24.5' - 29.5')	100	90	None
		C-05 (29.5' - 34.5')	100	100	None
		C-06 (34.5' - 39.5')	100	85	None
		C-07 (39.5' - 44.5')	100	94	MGP odor on core. Coal Tar visible in fractures at 43.07'
		C-08 (44.5' - 49.5')	100	86	MGP odor on core. Coal Tar visible in all fractures from 44.5'-49.5'.
		C-09 (49.5' - 54.5')	100	95	MGP odor on core.
		C-10 (54.5' - 59.7')	100	67	MGP odor on core. Coal Tar visible in all fractures from 54.5-59.7'.
BMW-04-03	8	C-01 (8' - 13')	100	94	None
		C-02 (13' - 15')	100	100	None
		C-03 (15' - 20')	100	100	None
		C-04 (20' - 25')	100	100	None
		C-05 (25' - 30')	100	92	None
		C-06 (30' - 35')	100	93	None
		C-07 (35' - 40')	100	84	Coal Tar visible in fracture at 37.80'-37.85'. Strong MGP odor.
		C-08 (40' - 45')	100	100	None
		C-09 (45' - 50')	100	82	MGP odor noted in fractures at 45.0'-45.2' and 45.6'.
		C-10 (50' - 55')	100	86	MGP odor noted at 50.5' and 54.25'.
		C-11 (55' - 60')	100	73	None
		C-12 (60' - 65')	100	66	MGP odor and visible coal tar in all fractures from 60'-65'.
		C-13 (65' - 70')	100	85	Visible coal tar in fracture at 65.55'. No visible tar beneath this point, but slight odor continues to bottom of borehole.
		C-14 (70' - 75')	100	82	None

TABLE 3-2
SUMMARY OF BEDROCK CORE OBSERVATIONS
NYSEG - TRANSIT STREET FORMER MGP SITE
LOCKPORT, NEW YORK

Well ID	Top of Bedrock (feet bgs)	Run # (Depth)	Recovery %	RQD	Observations
BMW-04-08	15.5	C-01 (15.5' - 20.5')	80	72	None
		C-02 (20.5' - 25.5')	100	100	None
		C-03 (25.5' - 30.5')	100	100	Possible slight MGP odor 25.5'-30.5'.
		C-04 (30.5' - 35.5')	100	100	None
		C-05 (35.5' - 40.5')	100	100	None
		C-06 (40.5' - 45.8')	100	100	None
BMW-04-09	15.2	C-01 (15.5' - 20.5')	100	90	None
		C-02 (20.5' - 24.5')	100	100	None
		C-03 (24.5' - 29.5')	100	100	None
		C-04 (29.5' - 34.5')	100	100	None
		C-05 (34.5' - 39.5')	100	100	None
		C-06 (39.5' - 44.5')	100	95	None
		C-07 (44.5' - 49.5')	100	96	Slight MGP odor at 44.9'.
		C-08 (49.5' - 54.5')	100	94	Coal Tar blebs in return water starting at 52.5'. No visible tar on core once recovered.
		C-09 (54.5' - 59.5')	100	100	Coal Tar visible in fracture at 56.8'.
		C-10 (59.5' - 64.5')	100	100	Coal Tar visible in fractures at 59.95', 61.85', 62.7', 63.05', and 64.10'.
		C-11 (64.5' - 69.5')	100	80	No Coal Tar visible and no odor noted.
		C-12 (69.5' - 74.5')	100	88	No Coal Tar visible and no odor noted.
		C-13 (74.5' - 79.5')	100	82	No Coal Tar visible and no odor noted.
BMW-04-10	9	C-01 (45' - 50')	100	70	None
		C-02 (50' - 55')	100	82	None
		C-03 (55' - 60')	98	76	None
		C-04 (60' - 65')	100	93	None
BMW-04-11	19.5	C-01 (38.2' - 40')	100	100	None
		C-02 (40' - 45')	100	100	None
		C-03 (45' - 50')	100	96	Sheen and MGP odor on core (45'-50').
		C-04 (50' - 55')	100	94	Slight MGP odor on breaks 50'-55'.
		C-05 (55' - 60')	88	56	Coal Tar begins coming out in return water at 56'. Difficulty recovering Core Run. When Drillers went back down to grab remainder of core run, significant MGP product with strong benzene odor came out with return water. Core was stained.

TABLE 3-2
SUMMARY OF BEDROCK CORE OBSERVATIONS
NYSEG - TRANSIT STREET FORMER MGP SITE
LOCKPORT, NEW YORK

Well ID	Top of Bedrock (feet bgs)	Run # (Depth)	Recovery %	RQD	Observations
BMW-04-12	11.5	C-01 (39' - 44')	100	90	Slight sheen on return water, no odor on core.
		C-02 (44' - 49')	100	90	Coal Tar present in weathered zone from 47.30'-47.35'.
		C-03 (49' - 54')	100	88	Coal Tar present in weathered fracture from 53.80'-53.85'. No visible coal tar beneath this point in this borehole.
		C-04 (54' - 59')	100	93	None
BMW-04-13	5	C-01 (35.5' - 40.5')	100	97	None
		C-02 (40.5' - 45.5')	100	86	None
		C-03 (45.5' - 50.5')	100	96	None
		C-04 (50.5' - 55.5')	100	100	None
		C-05 (55.5' - 60.5')	100	100	None
BMW-04-14	18	C-01 (46.5' - 51.5')	100	82	Slight MGP odor and sheen in fractures at 49.2 and 49.3'.
		C-02 (51.5' - 56.5')	100	100	No odor or sheen observed 51.5' to 56.5'.
		C-03 (56.5' - 61.5')	100	96	MGP odor and slight sheen observed at 59.8'. No odor or sheen observed beneath this point.
		C-04 (61.5' - 66.5')	100	100	None
MW-02	3	C-01 (3' - 8')	100	88	None
		C-02 (8' - 10')	100	100	None
		C-03 (10' - 15')	100	100	None
		C-04 (15' - 20')	100	96	Fuel like odor and sheen at 19.45'. Light Brown LNAPL blebs came out while coring this interval.
		C-05 (20' - 25')	100	90	None
		C-06 (25' - 30')	100	78	MGP and Gasoline odor during coring this interval. Coal tar visible on fracture at 25.7'.
		C-07 (30' - 35')	100	88	Slight MGP odor and sheen 30-35'.
		C-08 (35' - 40')	100	80	Coal Tar blebs Visible on all breaks 35'-40'.
		C-09 (40' - 45')	100	82	No MGP impacts observed 40'-45'.
		C-10 (45' - 50')	100	96	Visible Coal Tar in fracture from 46.80'-46.85'. Strong MGP odor in weathered fracture at 47.25'.
		C-11 (50' - 55')	100	92	No MGP impacts observed 50'-55'.

TABLE 3-2
SUMMARY OF BEDROCK CORE OBSERVATIONS
NYSEG - TRANSIT STREET FORMER MGP SITE
LOCKPORT, NEW YORK

Well ID	Top of Bedrock (feet bgs)	Run # (Depth)	Recovery %	RQD	Observations
MW-04	40	C-01 (40' - 45')	88	80	None
		C-02 (45.5' - 50.5')	100	100	None
		C-03 (50.5' - 55.5')	100	100	None
		C-04 (55.5' - 60.5')	100	100	None
		C-05 (60.5' - 65.5')	100	100	None
		C-06 (65.5' - 70.5')	100	100	None
		C-07 (70.5' - 75.5')	100	98	None
		C-08 (75.5' - 80.5')	100	100	None
		C-09 (80.5' - 85.5')	100	94	None
MW-06	19.5	C-01 (20' - 24')	96	88	None
		C-02 (24' - 25.5')	100	100	None
		C-03 (25.5' - 30.5')	100	100	None
		C-04 (30.5' - 35.5')	100	88	Some Tar blebs and MGP odor in return water when flushing at end of run.
MW-09	21	C-01 (21' - 26')	84	54	None
		C-02 (26' - 30')	100	96	None
		C-03 (30' - 35')	100	90	None
		C-04 (35' - 40')	100	94	None
		C-05 (40' - 45')	100	100	None
		C-06 (45' - 50')	100	96	Coal Tar visible in fracture at 47.45'. Sheen on entire core 45'-50'.
		C-07 (50' - 55')	100	98	No Sheen, Slight Odor.
		C-08 (55' - 60')	100	93	Trace Sheen, Slight odor while coring 55'-60'.
		C-09 (60' - 65')	100	100	No Odor, no Sheen on core from 60'-65'.
MW-10	12	C-01 (13' - 18')	100	85	Top of rock is impacted by coal tar. None visible in first core because of using air. When Rock socket was reamed coal tar and water noticed in hole.
		C-02 (18' - 19.5')	100	100	None
		C-03 (19.5' - 24.5')	100	100	None
		C-04 (24.5' - 29.5')	100	96	Coal Tar odor and blebs in return water while coring at 28.5. No odor on core itself.
		C-05 (29.5' - 34.5')	100	88	Entire core exhibits sheen. Coal Tar odor and blebs in return water while coring at 33.5'.

TABLE 3-2
SUMMARY OF BEDROCK CORE OBSERVATIONS
NYSEG - TRANSIT STREET FORMER MGP SITE
LOCKPORT, NEW YORK

Well ID	Top of Bedrock (feet bgs)	Run # (Depth)	Recovery %	RQD	Observations
MW-14	34.7	C-01 (34.7' - 39.7')	100	84	None
		C-02 (39.7' - 40')	100	100	None
		C-03 (40' - 45')	100	100	None
		C-04 (45' - 50')	100	95	None
		C-05 (50' - 55')	100	88	None
		C-06 (55' - 60')	100	98	None
		C-07 (60' - 65')	100	88	Slight MGP odor on core at 60.65'.
		C-08 (65' - 70')	100	98	None
		C-09 (70' - 75')	93	85	None
		C-10 (75' - 80')	100	100	None
MW-15	5.5	C-01 (6' - 11')	86	52	Slight undifferentiated petroleum odor at 9.4'.
		C-02 (11' - 15')	100	100	None
		C-03 (15' - 20')	98	86	Slight Possible MGP odor at 18'.
		C-04 (20' - 25')	98	85	None
		C-05 (25' - 30')	100	92	None
		C-06 (30' - 35')	100	96	None
		C-07 (35' - 40')	100	93	None
		C-08 (40' - 45')	100	96	None
		C-09 (45' - 50')	100	100	None

TABLE 3-3
MONITORING WELL CONSTRUCTION DETAILS
NYSEG - TRANSIT STREET FORMER MGP SITE
LOCKPORT, NEW YORK

Well ID	Installation Date	Northing	Easting	Well Depth (ft)	Ground Elevation (ft amsl)	Measuring Point Elevation (ft amsl)	Open Hole/ Screen Interval	Geologic Description
New/Replacement Wells:								
BMW-04-01	2/4/05	1153926.01	1118270.32	70	606.82	606.60	50'-70'	Intermediate Bedrock
BMW-04-02	3/22/05	1154173.55	1118093.58	59.7	594.42	594.13	39.7'-59.7'	Intermediate Bedrock
BMW-04-03	2/16/05	1154338.45	1118140.78	75	594.07	593.84	55'-75'	Deep Bedrock
BMW-04-08	3/15/05	1153844.52	1118148.54	45.8	607.07	606.61	20.5' - 45.8'	Shallow Bedrock
BMW-04-09	3/2/05	1153762.66	1117791.53	79.5	597.39	597.11	20.5' - 79.5'	Deep Bedrock
BMW-04-10	4/7/05	1154496.00	1118075.45	65	592.27	592.00	45' - 65'	Deep Bedrock
BMW-04-11	3/24/05	1154010.15	1118273.17	60	606.17	605.88	38.2' - 60'	Intermediate Bedrock
BMW-04-12	3/30/05	1154033.69	1118157.09	59	599.46	599.13	39' - 59'	Intermediate Bedrock
BMW-04-13	4/28/05	1153975.59	1117555.41	60.5	585.37	585.10	35.5' - 60.5'	Deep Bedrock
BMW-04-14	4/27/05	1153843.88	1118141.42	66.5	606.50	606.17	46' - 66.5'	Intermediate Bedrock
IW-1	2/21/05	1154346.21	1118147.59	12.0	594.09	593.80	6' - 11'	Overburden/Bedrock Interface
IW-2	3/24/05	1154010.27	1118280.61	22.5	606.67	606.34	16.5' - 21.5'	Overburden/Bedrock Interface
MW-01	4/4/05	1154335.58	1118137.92	50.0	594.12	593.85	13.5' - 50'	Intermediate Bedrock
MW-02	4/27/05	1154123.08	1117945.28	55.0	574.44	576.23	35'-55'	Deep Bedrock
MW-04	2/10/05	1153719.75	1118334.77	85.5	627.09	626.81	65.5'-85.5'	Intermediate Bedrock
MW-06	3/14/05	1154010.67	1118266.90	35.5	605.81	605.51	24' - 35.5'	Shallow Bedrock
MW-09	3/29/05	1154184.81	1118513.68	65.0	605.94	605.57	45'-60'	Intermediate Bedrock
MW-10	3/14/05	1154032.17	1118132.41	34.5	598.71	598.56	18' - 34.5'	Shallow Bedrock
MW-10S	3/29/05	1154032.96	1118116.42	14.0	598.29	598.03	3' - 13'	Overburden/Bedrock Interface
MW-14	3/29/05	1153999.42	1118466.25	80.0	617.54	617.36	60'-80'	Intermediate Bedrock
MW-15	3/23/05	1154651.71	1118491.49	50.0	591.14	590.83	30'-50'	Intermediate Bedrock
SMW-04S/D	4/26/05	1153838.33	1118145.07	18.0	607.03	606.65	8' - 18'	Overburden
SMW-9	2/9/05	1154342.14	1118143.93	8.0	594.11	593.71	3' - 8'	Overburden
SMW-10	2/24/05	1154184.18	1118522.77	20.5	606.37	606.13	10.5' - 20.5'	Overburden
SMW-11	3/25/05	1154030.77	1118058.00	10.0	596.36	595.97	5' - 10'	Overburden

TABLE 3-3
MONITORING WELL CONSTRUCTION DETAILS
NYSEG - TRANSIT STREET FORMER MGP SITE
LOCKPORT, NEW YORK

Well ID	Installation Date	Northing	Easting	Well Depth (ft)	Ground Elevation (ft amsl)	Measuring Point Elevation (ft amsl)	Open Hole/ Screen Interval	Geologic Description
Existing Wells								
MW-03	11/30/1982	1153931.79	1118051.62	60.0	600.80	603.52	13.87' - 60'	Intermediate Bedrock
MW-05	10/25/1983	1153770.15	1118035.27	50.0	604.49	603.97	21.8' - 50'	Shallow Bedrock
MW-07	11/3/1983	1153909.98	1118044.73	55.0	600.34	602.79	44.5' - 54.5'	Intermediate Bedrock
MW-08	10/31/1983	1153971.39	1117835.12	30.0	574.36	577.05	6.3' - 30'	Intermediate Bedrock
MW-11	11/8/1983	1154224.91	1118226.34	30.0	596.18	595.54	11.4' - 30'	Shallow Bedrock
MW-12	11/2/1983	1154224.65	1118219.85	53.5	596.01	595.44	43' - 53'	Intermediate Bedrock
MW-13	10/26/1983	1154442.85	1118336.92	50.0	593.30	592.95	10.6' - 50'	Intermediate Bedrock
MW-16	11/10/1983	1153765.24	1117634.66	30.0	574.68	577.31	3.2' - 30'	Intermediate Bedrock
MW-17	11/7/1983	1154188.19	1118081.37	35.0	593.93	593.46	10' - 35'	Shallow Bedrock
MW-18	8/29/1984	1154419.47	1118620.76	50.0	598.45	598.13	14.5' - 50'	Intermediate Bedrock
MW-19	8/28/1984	1154768.40	1118688.40	45.0	592.00	591.57	11' - 45'	Intermediate Bedrock
SMW-1S	11/25/1991	1153757.99	1118508.08	33.0	634.16	633.87	22.5' - 33'	Overburden
SMW-1D	11/25/1991	1153766.41	1118507.53	51.0	633.86	633.30	44.5' - 51'	Overburden
SMW-3S	11/20/1991	1153748.89	1117978.13	17.0	605.66	604.86	6.5' - 17'	Overburden
SMW-3D	11/20/1991	1153741.23	1117979.39	22.6	606.04	605.49	17' - 22.6'	Overburden
SMW-5	11/21/1991	1154041.27	1117983.86	18.5	595.31	594.91	8.5' - 18.5'	Overburden
SMW-6S	11/19/1991	1154026.00	1118187.46	8.5	600.78	600.24	3' - 8.5'	Overburden
SMW-6D	11/19/1991	1154026.02	1118191.37	14.0	600.98	600.29	8.5' - 14'	Overburden
SMW-7	11/19/1991	1154187.96	1118092.58	8.2	593.89	593.37	2.8' - 8.2'	Overburden
SMW-8	11/21/1991	1154221.80	1118176.62	8.5	595.11	594.50	3' - 8.5'	Overburden

TABLE 3-4
GROUNDWATER ELEVATION MEASUREMENTS
NYSEG - FORMER TRANSIT STREET MGP SITE

Location ID Type	Northing	Easting	Ground Elevation (ft)	Casing Elevation (ft)	Meas. point (Riser) Elev. (ft)	Geol. Zone	Specific Gravity	Date/Time	Depth to Water (ft)	Water Elev. (ft)	Product Thick. (ft)	Corrected Water Elev. (ft)	Remark
BMW-04-01	1153926.010	1118270.320	606.82	606.60	606.60	IRK	1						
MNW								3/18/2005 0000	4.10	602.50	0.00	602.50	
MNW								3/25/2005 0000	4.25	602.35	0.00	602.35	
MNW								4/1/2005 0000	4.22	602.38	0.00	602.38	
MNW								4/13/2005 0000	4.09	602.51	0.00	602.51	
MNW								4/14/2005 0800	4.13	602.47	0.00	602.47	
MNW								4/14/2005 1700	4.12	602.48	0.00	602.48	
MNW								4/15/2005 0800	4.16	602.44	0.00	602.44	
MNW								4/15/2005 1700	4.14	602.46	0.00	602.46	
MNW								4/18/2005 0000	4.23	602.37	0.00	602.37	
MNW								4/19/2005 0000	4.22	602.38	0.00	602.38	
MNW								4/21/2005 0000	4.31	602.29	0.00	602.29	
MNW								5/19/2005 0000	4.45	602.15	0.00	602.15	
MNW								5/31/2005 0000	4.57	602.03	0.00	602.03	
MNW								6/10/2005 0000	4.69	601.91	0.00	601.91	
MNW								9/30/2005 1206	4.65	601.95	0.00	601.95	
MNW								1/6/2006 0917	3.97	602.63	0.00	602.63	No DNAPL
BMW-04-02	1154173.550	1118093.580	594.42	594.42	594.13	IRK	1						
MNW								3/25/2005 0000	36.54	557.59	0.00	557.59	
MNW								4/1/2005 0000	35.18	558.95	Sheen		
MNW								4/13/2005 0000	32.47	561.66	Sheen		
MNW								4/14/2005 0800	26.81	567.32	Sheen		
MNW								4/14/2005 1700	26.74	567.39	Sheen		
MNW								4/15/2005 0800	27.10	567.03	0.16	567.19	
MNW								4/15/2005 1700	27.02	567.11	0.00	567.11	
MNW								4/18/2005 0000	26.45	567.68	0.00	567.68	
MNW								4/19/2005 0000	26.32	567.81	0.05	567.86	

NM - No Measurement

The value noted in the column labeled Specific Gravity is an assumed value for free product, if found.

Geologic Zone:

CN Canal Staff Gauge
 DRK Deep Bedrock
 IN Interface Well
 IRK Intermediate Bedrock
 OB Overburden Well

Type:

MNW Monitoring Well
 STG Staff Gauge

TABLE 3-4
GROUNDWATER ELEVATION MEASUREMENTS
NYSEG - FORMER TRANSIT STREET MGP SITE

Location ID/ Type	Northing	Easting	Ground Elevation (ft)	Casing Elevation (ft)	Meas point (Riser) Elev. (ft)	Geol Zone	Specific Gravity	Date/Time	Depth to Water (ft)	Water Elev. (ft)	Product Thick. (ft)	Corrected Water Elev. (ft)	Remarks
MNW								4/21/2005 0000	25.25	568.88	Sheen		
MNW								5/19/2005 0000	32.35	561.78	Sheen		
MNW								5/31/2005 0000	32.18	561.95	Sheen		
MNW								6/10/2005 0000	32.13	562.00	Sheen		
MNW								9/30/2005 1515	31.12	563.01	0.00	563.01	
MNW								1/6/2006 1147	39.18	554.95	0.00	554.95	
BMW-04-03	1154338.450	1118140.780	594.07	594.07	593.84	DRK	1						
MNW								3/25/2005 0000	31.19	562.65	0.00	562.65	
MNW								4/1/2005 0000	32.27	561.57	0.00	561.57	
MNW								4/13/2005 0000	31.74	562.10	0.00	562.10	
MNW								4/14/2005 0800	26.97	566.87	0.00	566.87	
MNW								4/14/2005 1700	27.01	566.83	0.00	566.83	
MNW								4/15/2005 0800	28.22	565.62	0.00	565.62	
MNW								4/15/2005 1700	28.24	565.60	0.00	565.60	
MNW								4/18/2005 0000	27.84	566.00	0.00	566.00	
MNW								4/19/2005 0000	28.02	565.82	0.00	565.82	
MNW								4/21/2005 0000	27.00	566.84	0.00	566.84	
MNW								5/19/2005 0000	29.10	564.74	0.00	564.74	
MNW								5/31/2005 0000	28.83	565.01	0.00	565.01	
MNW								6/10/2005 0000	28.70	565.14	0.00	565.14	
MNW								9/30/2005 1302	28.06	565.78	0.00	565.78	
MNW								1/6/2006 1225	35.73	558.11	0.00	558.11	Odor. Trace DNAPL
BMW-04-08	1153844.520	1118148.540	607.07	607.07	606.61	SRK	1						
MNW								3/18/2005 0000	3.26	603.35	0.00	603.35	
MNW								3/25/2005 0000	3.53	603.08	0.00	603.08	
MNW								4/1/2005 0000	3.89	602.72	0.00	602.72	
MNW								4/13/2005 0000	3.79	602.82	0.00	602.82	

NM - No Measurement

The value noted in the column labeled Specific Gravity is an assumed value for free product, if found.

Geologic Zone:

CN Canal Staff Gauge
 DRK Deep Bedrock
 IN Interface Well
 IRK Intermediate Bedrock
 OB Overburden Well

Type:

MNW Monitoring Well
 STG Staff Gauge

TABLE 3-4
GROUNDWATER ELEVATION MEASUREMENTS
NYSEG - FORMER TRANSIT STREET MGP SITE

Location ID/ Type	Northing	Easting	Ground Elevation (ft)	Casing Elevation (ft)	Meas point (Riser) Elev (ft)	Geol Zone	Specific Gravity	Date (time)	Depth to Water (ft)	Water Elev (ft)	Product Thick (ft)	Corrected Water Elev (ft)	Remark
MNW								4/14/2005 0800	3.80	602.81	0.00	602.81	
MNW								4/14/2005 1700	3.81	602.80	0.00	602.80	
MNW								4/15/2005 0800	3.86	602.75	0.00	602.75	
MNW								4/15/2005 1700	3.85	602.76	0.00	602.76	
MNW								4/18/2005 0000	3.91	602.70	0.00	602.70	
MNW								4/19/2005 0000	3.92	602.69	0.00	602.69	
MNW								4/21/2005 0000	4.05	602.56	0.00	602.56	
MNW								5/19/2005 0000	4.18	602.43	0.00	602.43	
MNW								5/31/2005 0000	4.42	602.19	0.00	602.19	
MNW								6/10/2005 0000	4.49	602.12	0.00	602.12	
MNW								9/30/2005 1355	4.45	602.16	0.00	602.16	
MNW								1/6/2006 1108	3.78	602.83	0.00	602.83	
BMW-04-09	1153762.660	1117791.530	597.39	597.39	597.11	DRK	1						
MNW								3/18/2005 0000	25.50	571.61	0.00	571.61	
MNW								3/25/2005 0000	23.70	573.41	0.00	573.41	
MNW								4/1/2005 0000	26.32	570.79	0.00	570.79	
MNW								4/13/2005 0000	20.92	576.19	0.00	576.19	
MNW								4/14/2005 0800	19.96	577.15	0.00	577.15	
MNW								4/14/2005 1700	20.02	577.09	0.00	577.09	
MNW								4/15/2005 0800	20.02	577.09	0.00	577.09	
MNW								4/15/2005 1700	20.04	577.07	0.00	577.07	
MNW								4/18/2005 0000	20.07	577.04	0.00	577.04	
MNW								4/19/2005 0000	20.24	576.87	0.00	576.87	
MNW								4/21/2005 0000	21.12	575.99	0.00	575.99	
MNW								5/19/2005 0000	22.48	574.63	0.00	574.63	
MNW								5/31/2005 0000	22.91	574.20	0.00	574.20	
MNW								6/10/2005 0000	23.41	573.70	0.00	573.70	
MNW								9/30/2005 1341	23.83	573.28	0.00	573.28	

NM - No Measurement

The value noted in the column labeled Specific Gravity is an assumed value for free product, if found.

Geologic Zone:

CN Canal Staff Gauge
 DRK Deep Bedrock
 IN Interface Well
 iRK Intermediate Bedrock
 OB Overburden Well

Type:

MNW Monitoring Well
 STG Staff Gauge

TABLE 3-4
GROUNDWATER ELEVATION MEASUREMENTS
NYSEG - FORMER TRANSIT STREET MGP SITE

Location ID / Type	Northing	Easting	Ground Elevation (ft)	Casing Elevation (ft)	Meas point (Riser) Elev. (ft)	Geologic Zone	Specific Gravity	Date / Time	Depth to Water (ft)	Water Elev. (ft)	Product Thick. (ft)	Corrected Water Elev. (ft)	Remarks
MNW								1/6/2006 1122	24.05	573.06	0.00	573.06	
BMW-04-10	1154495.997	1118075.445	592.27	592.27	592	DRK	1						
MNW								4/13/2005 0000	35.01	556.99	0.00	556.99	
MNW								4/14/2005 0800	30.23	561.77	0.00	561.77	
MNW								4/14/2005 1700	29.90	562.10	0.00	562.10	
MNW								4/15/2005 0800	30.75	561.25	0.00	561.25	
MNW								4/15/2005 1700	30.77	561.23	0.00	561.23	
MNW								4/18/2005 0000	30.10	561.90	0.00	561.90	
MNW								4/19/2005 0000	30.19	561.81	0.00	561.81	
MNW								4/21/2005 0000	29.01	562.99	0.00	562.99	
MNW								5/19/2005 0000	28.50	563.50	0.00	563.50	
MNW								5/31/2005 0000	27.67	564.33	0.00	564.33	
MNW								6/10/2005 0000	28.00	564.00	0.00	564.00	
MNW								9/30/2005 1322	28.98	563.02	0.00	563.02	
MNW								1/6/2006 1457	38.88	553.12	0.00	553.12	
BMW-04-11	1154010.150	1118273.170	606.17	606.17	605.88	IRK	1						
MNW								3/25/2005 0000	10.38	595.50	0.00	595.50	DNAPL Thickness - 2.00'
MNW								4/1/2005 0000	9.93	595.95	0.00	595.95	DNAPL Thickness - 1.90'
MNW								4/13/2005 0000	10.33	595.55	0.00	595.55	
MNW								4/14/2005 0800	10.13	595.75	0.00	595.75	
MNW								4/14/2005 1700	10.01	595.87	0.00	595.87	
MNW								4/15/2005 0800	9.97	595.91	0.00	595.91	DNAPL Thickness - 2.30'
MNW								4/15/2005 1700	10.53	595.35	0.00	595.35	DNAPL Thickness - 2.30'
MNW								4/18/2005 0000	10.40	595.48	0.00	595.48	
MNW								4/19/2005 0000	10.24	595.64	0.00	595.64	
MNW								4/21/2005 0000	9.94	595.94	0.00	595.94	DNAPL Thickness - 0.01'
MNW								5/19/2005 0000	8.50	597.38	0.00	597.38	DNAPL Thickness - 0.02'

NM - No Measurement

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Geologic Zone:

CN Canal Staff Gauge
 DRK Deep Bedrock
 IN Interface Well
 IRK Intermediate Bedrock
 OB Overburden Well

Type:

MNW Monitoring Well
 STG Staff Gauge

TABLE 3-4
GROUNDWATER ELEVATION MEASUREMENTS
NYSEG - FORMER TRANSIT STREET MGP SITE

Location ID/ Type	Northing	Easting	Ground Elevation (ft)	Casing Elevation (ft)	Meas point (Riser) Elev (ft)	Geol Zone	Specific Gravity	Date/Time	Depth to Water (ft)	Water Elev (ft)	Product Thick (ft)	Corrected Water Elev (ft)	Remarks
MNW								5/31/2005 0000	7.63	598.25	0.00	598.25	DNAPL Thickness - Trace
MNW								6/10/2005 0000	8.89	596.99	0.00	596.99	
MNW								9/30/2005 1607	13.72	592.16	0.00	592.16	
MNW								1/6/2006 0955	13.59	592.29	0.00	592.29	1.5 FT DNAPL measured
BMW-04-12	1154033.690	1118157.090	599.46	599.46	599.13	IRK	1						
MNW								4/1/2005 0000	46.49	552.64	Sheen		
MNW								4/13/2005 0000	47.78	551.35	Sheen		
MNW								4/14/2005 0800	42.02	557.11	Sheen		
MNW								4/14/2005 1700	41.33	557.80	Sheen		
MNW								4/15/2005 0800	40.90	558.23	Sheen		
MNW								4/15/2005 1700	40.88	558.25	Sheen		
MNW								4/18/2005 0000	40.58	558.55	Sheen		
MNW								4/19/2005 0000	40.44	558.69	Sheen		
MNW								4/21/2005 0000	39.83	559.30	Sheen		
MNW								5/19/2005 0000	39.44	559.69	Sheen		
MNW								5/31/2005 0000	39.30	559.83	Sheen		
MNW								6/10/2005 0000	39.21	559.92	Sheen		
MNW								9/30/2005 1415	38.82	560.31	0.00	560.31	
MNW								1/6/2006 1028	46.44	552.69	0.00	552.69	0.3 ft DNAPL measured
BMW-04-13	1153975.589	1117555.412	585.37	585.37	585.1	DRK	1						
MNW								5/19/2005 0000	20.69	564.41	0.00	564.41	
MNW								5/31/2005 0000	20.23	564.87	0.00	564.87	
MNW								6/10/2005 0000	20.05	565.05	0.00	565.05	
MNW								9/30/2005 1330	20.26	564.84	0.00	564.84	
MNW								1/6/2006 1140	30.69	554.41	0.00	554.41	
BMW-04-14	1153843.884	1118141.420	606.5	606.5	606.17	IRK	1						
MNW								5/19/2005 0000	24.70	581.47	0.00	581.47	

NM - No Measurement

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Geologic Zone:

CN Canal Staff Gauge
 DRK Deep Bedrock
 IN Interface Well
 IRK Intermediate Bedrock
 OB Overburden Well

Type:

MNW Monitoring Well
 STG Staff Gauge

TABLE 3-4
GROUNDWATER ELEVATION MEASUREMENTS
NYSEG - FORMER TRANSIT STREET MGP SITE

Location ID Type	Northing	Easting	Ground Elevation (ft)	Casing Elevation (ft)	Meas. point (Riser) Elev. (ft)	Geol. Zone	Specific Gravity	Date / Time	Depth to Water (ft)	Water Elev. (ft)	Product Thick. (ft)	Corrected Water Elev. (ft)	Remark
MNW								5/31/2005 0000	15.91	590.26	0.00	590.26	
MNW								6/10/2005 0000	16.27	589.90	0.00	589.90	
MNW								9/30/2005 1353	17.84	588.33	0.00	588.33	
MNW								1/6/2006 1106	17.53	588.64	0.00	588.64	
CANAL	1155053.941	1118742.341	NA	570.53	570.53	CN	1						
STG								4/18/2005 0000	7.49	563.04	0.00	563.04	
STG								4/19/2005 0000	7.63	562.90	0.00	562.90	
STG								4/21/2005 0000	5.60	564.93	0.00	564.93	
STG								5/19/2005 0000	5.96	564.57	0.00	564.57	
STG								5/31/2005 0000	5.65	564.88	0.00	564.88	
STG								6/10/2005 0000	5.40	565.13	0.00	565.13	
CANAL-SG	1155203.126	1118860.822	NA	568.47	568.47	CN	1						
STG								4/14/2005 0800	4.00	564.47	0.00	564.47	
STG								4/14/2005 1700	3.60	564.87	0.00	564.87	
STG								4/15/2005 0800	5.20	563.27	0.00	563.27	
STG								4/15/2005 1700	5.30	563.17	0.00	563.17	
STG								4/18/2005 0000	4.60	563.87	0.00	563.87	
STG								4/19/2005 0000	4.80	563.67	0.00	563.67	
STG								4/21/2005 0000	3.60	564.87	0.00	564.87	
STG								5/19/2005 0000	3.90	564.57	0.00	564.57	
STG								5/31/2005 0000	3.60	564.87	0.00	564.87	
STG								6/10/2005 0000	3.40	565.07	0.00	565.07	
STG								9/30/2005 1533	566.5	1.97	0.00	1.97	
STG								1/6/2006 1320	NM	-	NM	-	Dry
CANAL-SG-1	1155013.450	1118710.872	NA	566.4	566.4	CN	1						
STG								9/30/2005 1535	5.50	560.90	0.00	560.90	
STG								1/6/2006 1321	16.22	550.18	0.00	550.18	

NM - No Measurement

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Geologic Zone:

CN Canal Staff Gauge
 DRK Deep Bedrock
 IN Interface Well
 IRK Intermediate Bedrock
 OB Overburden Well

Type:

MNW Monitoring Well
 STG Staff Gauge

TABLE 3-4
GROUNDWATER ELEVATION MEASUREMENTS
NYSEG - FORMER TRANSIT STREET MGP SITE

Location ID/ Type	Northing	Easting	Ground Elevation (ft)	Casing Elevation (ft)	Meas Point (Riser) Elev (ft)	Geol Zone	Spec Gr Gravity	Date/Time	Depth to Water (ft)	Water Elev (ft)	Product Thick (ft)	Corrected Water Elev (ft)	Remarks
IW-01	1154346.210	1118147.590	594.09	594.09	593.8	IN	1						
MNW								3/18/2005 0000	9.42	584.38	0.00	584.38	
MNW								3/25/2005 0000	6.91	586.89	0.00	586.89	
MNW								4/1/2005 0000	7.66	586.14	0.00	586.14	
MNW								4/13/2005 0000	7.26	586.54	0.00	586.54	
MNW								4/14/2005 0800	7.32	586.48	0.00	586.48	
MNW								4/14/2005 1700	7.29	586.51	0.00	586.51	
MNW								4/15/2005 0800	7.33	586.47	0.00	586.47	
MNW								4/15/2005 1700	7.38	586.42	0.00	586.42	
MNW								4/18/2005 0000	7.44	586.36	0.00	586.36	
MNW								4/19/2005 0000	7.46	586.34	0.00	586.34	
MNW								4/21/2005 0000	7.52	586.28	0.00	586.28	
MNW								5/19/2005 0000	7.68	586.12	0.00	586.12	
MNW								5/31/2005 0000	7.14	586.66	0.00	586.66	
MNW								6/10/2005 0000	7.88	585.92	0.00	585.92	
MNW								9/30/2005 1306	7.22	586.58	0.00	586.58	
MNW								1/6/2006 1232	7.25	586.55	0.00	586.55	
IW-02	1154010.270	1118280.610	606.67	606.67	606.34	IN	1						
MNW								3/25/2005 0000	6.04	600.30	0.00	600.30	
MNW								4/1/2005 0000	6.09	600.25	0.00	600.25	
MNW								4/13/2005 0000	6.19	600.15	0.00	600.15	
MNW								4/14/2005 0800	6.08	600.26	0.00	600.26	
MNW								4/14/2005 1700	5.99	600.35	0.00	600.35	
MNW								4/15/2005 0800	6.08	600.26	0.00	600.26	
MNW								4/15/2005 1700	6.09	600.25	0.00	600.25	
MNW								4/18/2005 0000	6.18	600.16	0.00	600.16	
MNW								4/19/2005 0000	6.23	600.11	0.00	600.11	

NM - No Measurement

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Geologic Zone:

CN Canal Staff Gauge
 DRK Deep Bedrock
 IN Interface Well
 IRK Intermediate Bedrock
 OB Overburden Well

Type:

MNW Monitoring Well
 STG Staff Gauge

TABLE 3-4
GROUNDWATER ELEVATION MEASUREMENTS
NYSEG - FORMER TRANSIT STREET MGP SITE

Location ID / Type	Northing	Easting	Ground Elevation (ft)	Casing Elevation (ft)	Meas. point (Riser) Elev. (ft)	Geol. Zone	Specific Gravity	Date / Time	Depth to Water (ft)	Water Elev. (ft)	Product Thick. (ft)	Corrected Water Elev. (ft)	Remarks
MNW								4/21/2005 0000	6.19	600.15	0.00	600.15	
MNW								5/19/2005 0000	5.97	600.37	0.00	600.37	
MNW								5/31/2005 0000	6.32	600.02	0.00	600.02	
MNW								6/10/2005 0000	6.70	599.64	0.00	599.64	
MNW								9/30/2005 1610	6.02	600.32	0.00	600.32	
MNW								1/6/2006 0955	5.76	600.58	0.00	600.58	No DNAPL
MW-01	1154335.580	1118137.920	594.12	594.12	593.85	IRK	1						
MNW								4/13/2005 0000	31.75	562.10	0.00	562.10	
MNW								4/14/2005 0800	NM	-	0.00	-	
MNW								4/14/2005 1700	27.02	566.83	0.00	566.83	
MNW								4/15/2005 0800	NM	-	0.00	-	
MNW								4/15/2005 1700	28.25	565.60	0.00	565.60	
MNW								4/18/2005 0000	27.85	566.00	0.00	566.00	
MNW								4/19/2005 0000	28.20	565.65	0.00	565.65	
MNW								4/21/2005 0000	27.01	566.84	0.00	566.84	
MNW								5/19/2005 0000	29.08	564.77	0.00	564.77	
MNW								5/31/2005 0000	28.79	565.06	0.00	565.06	
MNW								6/10/2005 0000	28.60	565.25	0.00	565.25	
MNW								9/30/2005 1300	27.96	565.89	0.00	565.89	
MNW								1/6/2006 1225	34.12	559.73	0.00	559.73	Trace DNAPL
MW-02	1154123.077	1117945.281	574.44	576.23	576.23	DRK	1						
MNW								5/19/2005 0000	14.11	562.12	0.00	562.12	
MNW								5/31/2005 0000	13.13	563.10	0.00	563.10	
MNW								6/10/2005 0000	12.10	564.13	0.00	564.13	
MNW								9/30/2005 1453	12.60	563.63	0.00	563.63	
MNW								1/6/2006 1432	22.78	553.45	0.00	553.45	ce DNAPL / Entire string sta

NM - No Measurement

The value noted in the column labeled Specific Gravity is an assumed value for free product, if found.

Geologic Zone:

CN Canal Staff Gauge
 DRK Deep Bedrock
 IN Interface Well
 IRK Intermediate Bedrock
 OB Overburden Well

Type:

MNW Monitoring Well
 STG Staff Gauge

TABLE 3-4
GROUNDWATER ELEVATION MEASUREMENTS
NYSEG - FORMER TRANSIT STREET MGP SITE

Location ID Type	Northing	Easting	Ground Elevation (ft)	Casing Elevation (ft)	Meas. point (Riser) Elev. (ft)	Geol Zone	Specific Gravity	Date/Time	Depth to Water (ft)	Water Elev. (ft)	Product Thick. (ft)	Corrected Water Elev. (ft)	Remark
MW-03	1153931.790	1118051.620	600.8	603.52	603.52	IRK	1						
MNW								11/19/2004 0800	6.90	596.62	0.00	596.62	
MNW								11/19/2004 1700	6.83	596.69	0.00	596.69	
MNW								11/22/2004 0000	6.83	596.69	0.00	596.69	
MNW								11/23/2004 0000	6.82	596.70	0.00	596.70	
MNW								11/30/2004 0000	6.61	596.91	0.00	596.91	
MNW								12/2/2004 0000	6.53	596.99	0.00	596.99	
MNW								12/7/2004 0000	6.51	597.01	0.00	597.01	
MNW								12/20/2004 0000	6.62	596.90	0.00	596.90	
MNW								3/18/2005 0000	5.48	598.04	0.00	598.04	
MNW								3/25/2005 0000	4.92	598.60	0.00	598.60	
MNW								4/1/2005 0000	5.29	598.23	0.00	598.23	
MNW								4/13/2005 0000	5.28	598.24	0.00	598.24	
MNW								4/14/2005 0800	5.33	598.19	0.00	598.19	
MNW								4/14/2005 1700	5.32	598.20	0.00	598.20	
MNW								4/15/2005 0800	5.37	598.15	0.00	598.15	
MNW								4/15/2005 1700	5.36	598.16	0.00	598.16	
MNW								4/18/2005 0000	5.41	598.11	0.00	598.11	
MNW								4/19/2005 0000	5.40	598.12	0.00	598.12	
MNW								4/21/2005 0000	5.45	598.07	0.00	598.07	
MNW								5/19/2005 0000	5.21	598.31	0.00	598.31	
MNW								5/31/2005 0000	5.36	598.16	0.00	598.16	
MNW								6/10/2005 0000	5.62	597.90	0.00	597.90	
MNW								9/30/2005 1201	5.58	597.94	0.00	597.94	
MNW								1/6/2006 0942	5.61	597.91	0.00	597.91	Trace DNAPL
MW-04	1153719.750	1118334.770	627.09	627.09	626.81	IRK	1						
MNW								3/18/2005 0000	73.35	553.46	0.00	553.46	

NM - No Measurement

The value noted in the column labeled Specific Gravity is an assumed value for free product, if found.

Geologic Zone:

CN Canal Staff Gauge
 DRK Deep Bedrock
 IN Interface Well
 IRK Intermediate Bedrock
 OB Overburden Well

Type:

MNW Monitoring Well
 STG Staff Gauge

TABLE 3-4
GROUNDWATER ELEVATION MEASUREMENTS
NYSEG - FORMER TRANSIT STREET MGP SITE

Location ID Type	Northings	Eastings	Ground Elevation (ft)	Casing Elevation (ft)	Meas. point (Riser) Elev. (ft)	Geol. Zone	Specific Gravity	Date / Time	Depth to Water (ft)	Water Elev. (ft)	Product Thick. (ft)	Corrected Water Elev. (ft)	Remark
MNW								3/25/2005 0000	73.09	553.72	0.00	553.72	
MNW								4/1/2005 0000	72.80	554.01	0.00	554.01	
MNW								4/13/2005 0000	73.25	553.56	0.00	553.56	
MNW								4/14/2005 0800	71.44	555.37	0.00	555.37	
MNW								4/14/2005 1700	70.99	555.82	0.00	555.82	
MNW								4/15/2005 0800	68.46	558.35	0.00	558.35	
MNW								4/15/2005 1700	68.05	558.76	0.00	558.76	
MNW								4/18/2005 0000	64.51	562.30	0.00	562.30	
MNW								4/19/2005 0000	64.40	562.41	0.00	562.41	
MNW								4/21/2005 0000	67.69	559.12	0.00	559.12	
MNW								5/19/2005 0000	62.53	564.28	0.00	564.28	
MNW								5/31/2005 0000	62.47	564.34	0.00	564.34	
MNW								6/10/2005 0000	62.34	564.47	0.00	564.47	
MNW								9/30/2005 1211	62.73	564.08	0.00	564.08	
MNW								1/6/2006 1356	72.14	554.67	0.00	554.67	
MW-05	1153770.150	1118035.270	604.49	604.49	603.97	SRK	1						
MNW								11/15/2004 0000	2.48	601.49	0.00	601.49	
MNW								11/18/2004 0800	2.52	601.45	0.00	601.45	
MNW								11/18/2004 1700	2.51	601.46	0.00	601.46	
MNW								11/19/2004 0800	2.57	601.40	0.00	601.40	
MNW								11/19/2004 1700	2.56	601.41	0.00	601.41	
MNW								11/22/2004 0000	2.56	601.41	0.00	601.41	
MNW								11/23/2004 0000	2.56	601.41	0.00	601.41	
MNW								11/30/2004 0000	2.37	601.60	0.00	601.60	
MNW								12/2/2004 0000	2.24	601.73	0.00	601.73	
MNW								12/7/2004 0000	2.23	601.74	0.00	601.74	
MNW								12/20/2004 0000	2.26	601.71	0.00	601.71	
MNW								3/18/2005 0000	2.01	601.96	0.00	601.96	

NM - No Measurement

The value noted in the column labeled Specific Gravity is an assumed value for free product, if found.

Geologic Zone:

CN Canal Staff Gauge
 DRK Deep Bedrock
 IN Interface Well
 IRK Intermediate Bedrock
 OB Overburden Well

Type:

MNW Monitoring Well
 STG Staff Gauge

TABLE 3-4
GROUNDWATER ELEVATION MEASUREMENTS
NYSEG - FORMER TRANSIT STREET MGP SITE

Location ID/ Type	Northings	Eastings	Ground Elevation (ft)	Gaging Elevation (ft)	Manhole Point (Riser) Elev. (ft)	Geologic Zone	Specific Gravity	Date/Time	Depth to Water (ft)	Water Elev. (ft)	Product Thick (ft)	Corrected Water Elev. (ft)	Remarks
MNW								3/25/2005 0000	1.87	602.10	0.00	602.10	
MNW								4/1/2005 0000	2.06	601.91	0.00	601.91	
MNW								4/13/2005 0000	1.89	602.08	0.00	602.08	
MNW								4/14/2005 0800	1.90	602.07	0.00	602.07	
MNW								4/14/2005 1700	1.91	602.06	0.00	602.06	
MNW								4/15/2005 0800	1.98	601.99	0.00	601.99	
MNW								4/15/2005 1700	1.95	602.02	0.00	602.02	
MNW								4/18/2005 0000	2.02	601.95	0.00	601.95	
MNW								4/19/2005 0000	2.04	601.93	0.00	601.93	
MNW								4/21/2005 0000	2.06	601.91	0.00	601.91	
MNW								5/19/2005 0000	2.06	601.91	0.00	601.91	
MNW								5/31/2005 0000	2.29	601.68	0.00	601.68	
MNW								6/10/2005 0000	2.37	601.60	0.00	601.60	
MNW								9/30/2005 1349	2.38	601.59	0.00	601.59	
MNW								1/6/2006 1118	2.20	601.77	0.00	601.77	
MW-06	1154010.670	1118266.900	605.81	605.81	605.51	SRK	1						
MNW								3/18/2005 0000	5.58	599.93	Sheen		
MNW								3/25/2005 0000	5.39	600.12	Sheen		
MNW								4/1/2005 0000	5.36	600.15	Sheen		
MNW								4/13/2005 0000	5.19	600.32	Sheen		
MNW								4/14/2005 0800	5.23	600.28	Sheen		
MNW								4/14/2005 1700	5.20	600.31	Sheen		
MNW								4/15/2005 0800	5.29	600.22	Sheen		
MNW								4/15/2005 1700	5.25	600.26	Sheen		
MNW								4/18/2005 0000	5.44	600.07	Sheen		
MNW								4/19/2005 0000	5.42	600.09	Sheen		
MNW								4/21/2005 0000	5.51	600.00	Sheen		
MNW								5/19/2005 0000	5.20	600.31	Sheen		

NM - No Measurement

The value noted in the column labeled Specific Gravity is an assumed value for free product, if found.

Geologic Zone:

CN Canal Staff Gauge
 DRK Deep Bedrock
 IN Interface Well
 IRK Intermediate Bedrock
 OB Overburden Well

Type:

MNW Monitoring Well
 STG Staff Gauge

TABLE 3-4
GROUNDWATER ELEVATION MEASUREMENTS
NYSEG - FORMER TRANSIT STREET MGP SITE

Location ID/ Type	Northing	Eastings	Ground Elevation (ft)	Casing Elevation (ft)	Measurement (Riser) Elev. (ft)	Geo. Zone	Specific Gravity	Date / Time	Depth to Water (ft)	Water Elev. (ft)	Product Thick. (ft)	Corrected Water Elev. (ft)	Remarks
MNW								5/31/2005 0000	5.54	599.97	Sheen		
MNW								6/10/2005 0000	6.00	599.51	Sheen		
MNW								9/30/2005 1601	5.25	600.26	0.00	600.26	
MNW								1/6/2006 0954	4.92	600.59	0.00	600.59	No DNAPL
MW-07	1153909.980	1118044.730	600.34	602.79	602.79	IRK	1						
MNW								11/18/2004 1700	14.53	588.26	0.00	588.26	
MNW								11/19/2004 0800	15.22	587.57	0.00	587.57	
MNW								11/19/2004 1700	15.07	587.72	0.00	587.72	
MNW								11/22/2004 0000	15.30	587.49	0.00	587.49	
MNW								11/23/2004 0000	15.36	587.43	0.00	587.43	
MNW								11/30/2004 0000	15.42	587.37	0.00	587.37	
MNW								12/2/2004 0000	15.39	587.40	0.00	587.40	
MNW								12/7/2004 0000	15.32	587.47	0.00	587.47	
MNW								12/20/2004 0000	15.06	587.73	0.00	587.73	
MNW								3/18/2005 0000	13.75	589.04	0.00	589.04	
MNW								3/25/2005 0000	13.78	589.01	0.00	589.01	
MNW								4/1/2005 0000	13.65	589.14	0.00	589.14	
MNW								4/13/2005 0000	12.83	589.96	0.00	589.96	
MNW								4/14/2005 0800	12.78	590.01	0.00	590.01	
MNW								4/14/2005 1700	12.83	589.96	0.00	589.96	
MNW								4/15/2005 0800	12.87	589.92	0.00	589.92	
MNW								4/15/2005 1700	12.84	589.95	0.00	589.95	
MNW								4/18/2005 0000	12.79	590.00	0.00	590.00	
MNW								4/19/2005 0000	12.80	589.99	0.00	589.99	
MNW								4/21/2005 0000	12.78	590.01	0.00	590.01	
MNW								5/19/2005 0000	31.11	571.68	0.00	571.68	
MNW								5/31/2005 0000	20.74	582.05	0.00	582.05	
MNW								6/10/2005 0000	17.71	585.08	0.00	585.08	

NM - No Measurement

The value noted in the column labeled Specific Gravity is an assumed value for free product, if found.

Geologic Zone:

CN Canal Staff Gauge
 DRK Deep Bedrock
 IN Interface Well
 IRK Intermediate Bedrock
 OB Overburden Well

Type:

MNW Monitoring Well
 STG Staff Gauge

TABLE 3-4
GROUNDWATER ELEVATION MEASUREMENTS
NYSEG - FORMER TRANSIT STREET MGP SITE

Location ID / Type	Northing	Easting	Ground Elevation (ft)	Casing Elevation (ft)	Meas Point (Riser) Elev (ft)	Geol Zone	Specific Gravity	Date / Time	Depth to Water (ft)	Water Elev (ft)	Piezometer Thick (ft)	Corrected Water Elev (ft)	Remarks
MNW								9/30/2005 1203	21.34	581.45	0.00	581.45	
MNW								1/6/2006 0939	12.63	590.16	0.00	590.16	No DNAPL
MW-08	1153971.390	1117835.120	574.36	577.05	577.05	IRK	1						
MNW								11/15/2004 0000	12.83	564.22	0.00	564.22	
MNW								11/18/2004 0800	12.83	564.22	0.00	564.22	
MNW								11/18/2004 1700	14.27	562.78	0.00	562.78	
MNW								11/19/2004 0800	19.04	558.01	0.00	558.01	
MNW								11/19/2004 1700	15.29	561.76	0.00	561.76	
MNW								11/22/2004 0000	18.86	558.19	0.00	558.19	
MNW								11/23/2004 0000	18.86	558.19	0.00	558.19	
MNW								11/30/2004 0000	15.23	561.82	0.00	561.82	
MNW								12/2/2004 0000	18.34	558.71	0.00	558.71	
MNW								12/7/2004 0000	18.59	558.46	0.00	558.46	
MNW								12/20/2004 0000	18.48	558.57	0.00	558.57	
MNW								3/18/2005 0000	17.98	559.07	0.00	559.07	
MNW								3/25/2005 0000	15.45	561.60	0.00	561.60	
MNW								4/1/2005 0000	18.06	558.99	0.00	558.99	
MNW								4/13/2005 0000	15.37	561.68	0.00	561.68	
MNW								4/14/2005 0800	12.39	564.66	0.00	564.66	
MNW								4/14/2005 1700	12.40	564.65	0.00	564.65	
MNW								4/15/2005 0800	13.61	563.44	0.00	563.44	
MNW								4/15/2005 1700	13.59	563.46	0.00	563.46	
MNW								4/18/2005 0000	13.16	563.89	0.00	563.89	
MNW								4/19/2005 0000	13.43	563.62	0.00	563.62	
MNW								4/21/2005 0000	12.82	564.23	0.00	564.23	
MNW								5/19/2005 0000	12.99	564.06	0.00	564.06	
MNW								5/31/2005 0000	12.52	564.53	0.00	564.53	
MNW								6/10/2005 0000	12.53	564.52	0.00	564.52	

NM - No Measurement

The value noted in the column labeled Specific Gravity is an assumed value for free product, if found.

Geologic Zone:

CN Canal Staff Gauge
 DRK Deep Bedrock
 IN Interface Well
 IRK Intermediate Bedrock
 OB Overburden Well

Type:

MNW Monitoring Well
 STG Staff Gauge

TABLE 3-4
GROUNDWATER ELEVATION MEASUREMENTS
NYSEG - FORMER TRANSIT STREET MGP SITE

Location ID/ Type	Northing	Easting	Ground Elevation (ft)	Casing Elevation (ft)	Meas. point (Riser) Elev. (ft)	Geol. Zone	Specific Gravity	Date/Time	Depth to Water (ft)	Water Elev. (ft)	Product Thick. (ft)	Corrected Water Elev. (ft)	Remarks
MNW								9/30/2005 1451	12.29	564.76	0.00	564.76	
MNW								1/6/2006 1440	18.74	558.31	0.00	558.31	Trace DNAPL
MW-09 MNW	1154184.810	1118513.680	605.94	605.94	605.57	IRK	1	3/18/2005 0000	5.78	599.79	0.00	599.79	
MNW								4/13/2005 0000	NM	-	0.00	-	
MNW								4/14/2005 0800	NM	-	0.00	-	
MNW								4/14/2005 1700	NM	-	0.00	-	
MNW								4/15/2005 0800	5.94	599.63	0.00	599.63	
MNW								4/15/2005 1700	6.01	599.56	0.00	599.56	
MNW								4/18/2005 0000	6.15	599.42	0.00	599.42	
MNW								4/19/2005 0000	6.09	599.48	0.00	599.48	
MNW								4/21/2005 0000	6.19	599.38	0.00	599.38	
MNW								5/19/2005 0000	5.81	599.76	0.00	599.76	
MNW								5/31/2005 0000	6.20	599.37	0.00	599.37	
MNW								6/10/2005 0000	6.48	599.09	0.00	599.09	
MNW								9/30/2005 1227	6.09	599.48	0.00	599.48	
MNW								1/6/2006 1303	6.24	599.33	0.00	599.33	
MW-10 MNW	1154032.170	1118132.410	598.71	598.71	598.56	SRK	1	3/18/2005 0000	8.35	590.21	0.00	590.21	
MNW								3/25/2005 0000	7.28	591.28	0.00	591.28	
MNW								4/1/2005 0000	7.08	591.48	0.00	591.48	DNAPL Thickness - 0.50'
MNW								4/13/2005 0000	7.06	591.50	0.00	591.50	
MNW								4/14/2005 0800	7.10	591.46	0.00	591.46	
MNW								4/14/2005 1700	7.11	591.45	0.00	591.45	
MNW								4/15/2005 0800	7.13	591.43	0.00	591.43	
MNW								4/15/2005 1700	7.16	591.40	0.00	591.40	
MNW								4/18/2005 0000	7.28	591.28	0.00	591.28	

NM - No Measurement

The value noted in the column labeled Specific Gravity is an assumed value for free product, if found.

Geologic Zone:

CN Canal Staff Gauge
 DRK Deep Bedrock
 IN Interface Well
 IRK Intermediate Bedrock
 OB Overburden Well

Type:

MNW Monitoring Well
 STG Staff Gauge

TABLE 3-4
GROUNDWATER ELEVATION MEASUREMENTS
NYSEG - FORMER TRANSIT STREET MGP SITE

Location ID/ Type	Northing	Easting	Ground Elevation (ft)	Casing Elevation (ft)	Measpoint (Riser) Elev. (ft)	Geol Zone	Specific Gravity	Date / Time	Depth to Water (ft)	Water Elev. (ft)	Product Thick. (ft)	Corrected Water Elev. (ft)	Remarks
MNW								4/19/2005 0000	7.23	591.33	0.00	591.33	
MNW								4/21/2005 0000	7.38	591.18	0.00	591.18	
MNW								5/19/2005 0000	7.45	591.11	0.00	591.11	DNAPL Thickness - Trace
MNW								5/31/2005 0000	7.72	590.84	0.00	590.84	
MNW								6/10/2005 0000	7.94	590.62	0.00	590.62	
MNW								9/30/2005 1420	7.18	591.38	0.00	591.38	
MNW								1/6/2006 1026	8.91	589.65	0.00	589.65	Trace DNAPL
MW-10S	1154032.960	1118116.420	598.29	598.29	598.03	IN	1						
MNW								4/1/2005 0000	6.28	591.75	0.00	591.75	
MNW								4/13/2005 0000	6.93	591.10	0.00	591.10	
MNW								4/14/2005 0800	7.04	590.99	0.00	590.99	
MNW								4/14/2005 1700	7.08	590.95	0.00	590.95	
MNW								4/15/2005 0800	7.20	590.83	0.00	590.83	
MNW								4/15/2005 1700	7.23	590.80	0.00	590.80	
MNW								4/18/2005 0000	7.43	590.60	0.00	590.60	
MNW								4/19/2005 0000	7.50	590.53	0.00	590.53	
MNW								4/21/2005 0000	7.50	590.53	0.00	590.53	
MNW								5/19/2005 0000	8.31	589.72	0.00	589.72	
MNW								5/31/2005 0000	8.55	589.48	0.00	589.48	
MNW								6/10/2005 0000	8.91	589.12	0.00	589.12	
MNW								9/30/2005 1412	6.72	591.31	0.00	591.31	
MNW								1/6/2006 1038	4.13	593.90	0.00	593.90	No DNAPL
MW-11	1154224.910	1118226.340	596.18	596.18	595.54	SRK	1						
MNW								11/15/2004 0000	8.02	587.52	0.00	587.52	
MNW								11/18/2004 0800	8.07	587.47	0.00	587.47	
MNW								11/18/2004 1700	8.06	587.48	0.00	587.48	
MNW								11/19/2004 0800	8.19	587.35	0.00	587.35	

NM - No Measurement

The value noted in the column labeled Specific Gravity is an assumed value for free product, if found.

Geologic Zone:

CN Canal Staff Gauge
 DRK Deep Bedrock
 IN Interface Well
 IRK Intermediate Bedrock
 OB Overburden Well

Type:

MNW Monitoring Well
 STG Staff Gauge

TABLE 3-4
GROUNDWATER ELEVATION MEASUREMENTS
NYSEG - FORMER TRANSIT STREET MGP SITE

Location ID/ Type	Northing	Eastng	Ground Elevation (ft)	Casing Elevation (ft)	Meas. point (Riser) Elev. (ft)	Geol. Zone	Specific Gravity	Date/Time	Depth to Water (ft)	Water Elev. (ft)	Product Thick. (ft)	Corrected Water Elev. (ft)	Remarks
MNW								11/19/2004 1700	8.20	587.34	0.00	587.34	
MNW								11/22/2004 0000	8.15	587.39	0.00	587.39	
MNW								11/23/2004 0000	8.21	587.33	0.00	587.33	
MNW								11/30/2004 0000	7.30	588.24	0.00	588.24	
MNW								12/2/2004 0000	6.99	588.55	0.00	588.55	
MNW								12/7/2004 0000	7.39	588.15	0.00	588.15	
MNW								12/20/2004 0000	6.48	589.06	0.00	589.06	
MNW								3/18/2005 0000	7.18	588.36	0.00	588.36	
MNW								3/25/2005 0000	7.79	587.75	0.00	587.75	
MNW								4/1/2005 0000	7.62	587.92	0.00	587.92	
MNW								4/13/2005 0000	7.84	587.70	0.00	587.70	
MNW								4/14/2005 0800	7.62	587.92	0.00	587.92	
MNW								4/14/2005 1700	7.63	587.91	0.00	587.91	
MNW								4/15/2005 0800	7.73	587.81	0.00	587.81	
MNW								4/15/2005 1700	7.73	587.81	0.00	587.81	
MNW								4/18/2005 0000	8.07	587.47	0.00	587.47	
MNW								4/19/2005 0000	8.11	587.43	0.00	587.43	
MNW								4/21/2005 0000	7.91	587.63	0.00	587.63	
MNW								5/19/2005 0000	9.37	586.17	0.00	586.17	
MNW								5/31/2005 0000	9.73	585.81	0.00	585.81	
MNW								6/10/2005 0000	9.70	585.84	0.00	585.84	
MNW								9/30/2005 1250	7.23	588.31	0.00	588.31	
MNW								1/6/2006 1210	6.55	588.99	0.00	588.99	No DNAPL
MW-12	1154224.650	1118219.850	596.01	596.01	595.44	IRK	1						
MNW								11/15/2004 0000	36.45	558.99	0.00	558.99	
MNW								11/18/2004 0800	36.49	558.95	0.00	558.95	
MNW								11/18/2004 1700	37.02	558.42	0.00	558.42	
MNW								11/19/2004 0800	44.48	550.96	0.00	550.96	

NM - No Measurement

The value noted in the column labeled Specific Gravity is an assumed value for free product, if found.

Geologic Zone:

CN Canal Staff Gauge
 DRK Deep Bedrock
 IN Interface Well
 IRK Intermediate Bedrock
 OS Overburden Well

Type:

MNW Monitoring Well
 STG Staff Gauge

TABLE 3-4
GROUNDWATER ELEVATION MEASUREMENTS
NYSEG - FORMER TRANSIT STREET MGP SITE

Location ID Type	Northing	Easting	Ground Elevation (ft)	Casing Elevation (ft)	Meas point (Riser) Elev (ft)	Geol Zone	Specific Gravity	Date/Time	Depth to Water (ft)	Water Elev (ft)	Product Thick (ft)	Corrected Water Elev (ft)	Remark
MNW								11/19/2004 1700	44.61	550.83	0.00	550.83	
MNW								11/22/2004 0000	45.33	550.11	0.00	550.11	
MNW								11/23/2004 0000	45.36	550.08	0.00	550.08	
MNW								11/30/2004 0000	45.24	550.20	0.00	550.20	
MNW								12/2/2004 0000	45.06	550.38	0.00	550.38	
MNW								12/7/2004 0000	45.49	549.95	0.00	549.95	
MNW								12/20/2004 0000	45.61	549.83	0.00	549.83	
MNW								3/18/2005 0000	45.03	550.41	0.00	550.41	
MNW								3/25/2005 0000	43.71	551.73	0.00	551.73	
MNW								4/1/2005 0000	43.85	551.59	0.00	551.59	
MNW								4/13/2005 0000	43.23	552.21	0.00	552.21	
MNW								4/14/2005 0800	34.93	560.51	0.00	560.51	
MNW								4/14/2005 1700	34.83	560.61	0.00	560.61	
MNW								4/15/2005 0800	35.52	559.92	0.00	559.92	
MNW								4/15/2005 1700	35.48	559.96	0.00	559.96	
MNW								4/18/2005 0000	35.00	560.44	0.00	560.44	
MNW								4/19/2005 0000	35.03	560.41	0.00	560.41	
MNW								4/21/2005 0000	34.27	561.17	0.00	561.17	
MNW								5/19/2005 0000	33.22	562.22	0.00	562.22	
MNW								5/31/2005 0000	33.56	561.88	0.00	561.88	
MNW								6/10/2005 0000	33.77	561.67	0.00	561.67	
MNW								9/30/2005 1253	33.80	561.64	0.00	561.64	
MNW								1/6/2006 1208	40.39	555.05	0.00	555.05	
MW-13	1154442.850	1118336.920	593.3	593.3	592.95	IRK	1						
MNW								11/15/2004 0000	13.50	579.45	0.00	579.45	
MNW								11/18/2004 0800	13.44	579.51	0.00	579.51	
MNW								11/18/2004 1700	13.46	579.49	0.00	579.49	
MNW								11/19/2004 0800	13.72	579.23	0.00	579.23	

NM - No Measurement

The value noted in the column labeled Specific Gravity is an assumed value for free product, if found.

Geologic Zone:

CN Canal Staff Gauge
 DRK Deep Bedrock
 IN Interface Well
 IRK Intermediate Bedrock
 OB Overburden Well

Type:

MNW Monitoring Well
 STG Staff Gauge

TABLE 3-4
GROUNDWATER ELEVATION MEASUREMENTS
NYSEG - FORMER TRANSIT STREET MGP SITE

Location ID/ Type	Northings	Eastings	Ground Elevation (ft)	Casing Elevation (ft)	Meas Point (Riser) Elev (ft)	Geol Zone	Specific Gravity	Date/Time	Depth to Water (ft)	Water Elev (ft)	Product Thick (ft)	Corrected Water Elev (ft)	Remarks
MNW								11/19/2004 1700	13.76	579.19	0.00	579.19	
MNW								11/22/2004 0000	13.63	579.32	0.00	579.32	
MNW								11/23/2004 0000	13.90	579.05	0.00	579.05	
MNW								11/30/2004 0000	12.50	580.45	0.00	580.45	
MNW								12/2/2004 0000	12.08	580.87	0.00	580.87	
MNW								12/7/2004 0000	12.69	580.26	0.00	580.26	
MNW								12/20/2004 0000	12.58	580.37	0.00	580.37	
MNW								3/18/2005 0000	12.07	580.88	0.00	580.88	
MNW								3/25/2005 0000	11.70	581.25	0.00	581.25	
MNW								4/1/2005 0000	11.68	581.27	0.00	581.27	
MNW								4/13/2005 0000	12.23	580.72	0.00	580.72	
MNW								4/14/2005 0800	12.22	580.73	0.00	580.73	
MNW								4/14/2005 1700	12.19	580.76	0.00	580.76	
MNW								4/15/2005 0800	12.34	580.61	0.00	580.61	
MNW								4/15/2005 1700	12.36	580.59	0.00	580.59	
MNW								4/18/2005 0000	12.62	580.33	0.00	580.33	
MNW								4/19/2005 0000	12.72	580.23	0.00	580.23	
MNW								4/21/2005 0000	12.56	580.39	0.00	580.39	
MNW								5/19/2005 0000	13.00	579.95	0.00	579.95	
MNW								5/31/2005 0000	NM	-	0.00	-	
MNW								6/10/2005 0000	13.20	579.75	0.00	579.75	
MNW								9/30/2005 1315	11.48	581.47	0.00	581.47	
MNW								1/6/2006 1252	11.20	581.75	0.00	581.75	
MW-14	1153999.420	1118466.250	617.54	617.54	617.36	IRK	1						
MNW								3/18/2005 0000	11.30	606.06	0.00	606.06	
MNW								3/25/2005 0000	11.27	606.09	0.00	606.09	
MNW								4/1/2005 0000	11.76	605.60	0.00	605.60	
MNW								4/13/2005 0000	10.66	606.70	0.00	606.70	

NM - No Measurement

The value noted in the column labeled Specific Gravity is an assumed value for free product, if found.

Geologic Zone:

CN Canal Staff Gauge
 DRK Deep Bedrock
 IN Interface Well
 IRK Intermediate Bedrock
 OB Overburden Well

Type:

MNW Monitoring Well
 STG Staff Gauge

TABLE 3-4
GROUNDWATER ELEVATION MEASUREMENTS
NYSEG - FORMER TRANSIT STREET MGP SITE

Location ID Type	Northings	Eastings	Ground Elevation (ft)	Casing Elevation (ft)	Meas point (Riser) Elev (ft)	Geol Zone	Specific Gravity	Date/Time	Depth to Water (ft)	Water Elev (ft)	Product Thick (ft)	Corrected Water Elev (ft)	Remark
MNW								4/14/2005 0800	10.72	606.64	0.00	606.64	
MNW								4/14/2005 1700	10.69	606.67	0.00	606.67	
MNW								4/15/2005 0800	10.76	606.60	0.00	606.60	
MNW								4/15/2005 1700	10.72	606.64	0.00	606.64	
MNW								4/18/2005 0000	10.76	606.60	0.00	606.60	
MNW								4/19/2005 0000	10.79	606.57	0.00	606.57	
MNW								4/21/2005 0000	10.91	606.45	0.00	606.45	
MNW								5/19/2005 0000	12.38	604.98	0.00	604.98	
MNW								5/31/2005 0000	12.58	604.78	0.00	604.78	
MNW								6/10/2005 0000	12.48	604.88	0.00	604.88	
MNW								9/30/2005 1223	11.99	605.37	0.00	605.37	
MNW								1/6/2006 1352	10.84	606.52	0.00	606.52	
MW-15	1154651.710	1118491.490	591.14	591.14	590.83	IRK	1						
MNW								3/25/2005 0000	28.82	562.01	0.00	562.01	
MNW								4/1/2005 0000	28.25	562.58	0.00	562.58	
MNW								4/13/2005 0000	25.15	565.68	0.00	565.68	
MNW								4/14/2005 0800	20.35	570.48	0.00	570.48	
MNW								4/14/2005 1700	20.56	570.27	0.00	570.27	
MNW								4/15/2005 0800	21.26	569.57	0.00	569.57	
MNW								4/15/2005 1700	21.23	569.60	0.00	569.60	
MNW								4/18/2005 0000	20.19	570.64	0.00	570.64	
MNW								4/19/2005 0000	20.45	570.38	0.00	570.38	
MNW								4/21/2005 0000	22.98	567.85	0.00	567.85	
MNW								5/19/2005 0000	24.64	566.19	0.00	566.19	
MNW								5/31/2005 0000	24.27	566.56	0.00	566.56	
MNW								6/10/2005 0000	24.30	566.53	0.00	566.53	
MNW								9/30/2005 1529	24.41	566.42	0.00	566.42	
MNW								1/6/2006 1333	29.34	561.49	0.00	561.49	Odor

NM - No Measurement

The value noted in the column labeled Specific Gravity is an assumed value for free product, if found.

Geologic Zone:

CN Canal Staff Gauge
 DRK Deep Bedrock
 IN Interface Well
 IRK Intermediate Bedrock
 OB Overburden Well

Type:

MNW Monitoring Well
 STG Staff Gauge

TABLE 3-4
GROUNDWATER ELEVATION MEASUREMENTS
NYSEG - FORMER TRANSIT STREET MGP SITE

Location ID/ Type	Northing	Easting	Ground Elevation (ft)	Casing Elevation (ft)	Meas point (Riser) Elev (ft)	Geol Zone	Specific Gravity	Date/Time	Depth to Water (ft)	Water Elev (ft)	Product Thick (ft)	Corrected Water Elev (ft)	Remark
MW-16	1153765.240	1117634.660	574.68	577.31	577.31	IRK	1						
MNW								11/15/2004 0000	13.40	563.91	0.00	563.91	
MNW								11/18/2004 0800	13.55	563.76	0.00	563.76	
MNW								11/18/2004 1700	15.84	561.47	0.00	561.47	
MNW								11/19/2004 0800	16.09	561.22	0.00	561.22	
MNW								11/19/2004 1700	16.08	561.23	0.00	561.23	
MNW								11/22/2004 0000	15.95	561.36	0.00	561.36	
MNW								11/23/2004 0000	16.01	561.30	0.00	561.30	
MNW								11/30/2004 0000	15.81	561.50	0.00	561.50	
MNW								12/2/2004 0000	15.52	561.79	0.00	561.79	
MNW								12/7/2004 0000	15.93	561.38	0.00	561.38	
MNW								12/20/2004 0000	16.02	561.29	0.00	561.29	
MNW								3/18/2005 0000	15.48	561.83	0.00	561.83	
MNW								3/25/2005 0000	14.93	562.38	0.00	562.38	
MNW								4/1/2005 0000	15.44	561.87	0.00	561.87	
MNW								4/13/2005 0000	16.20	561.11	0.00	561.11	
MNW								4/14/2005 0800	12.79	564.52	0.00	564.52	
MNW								4/14/2005 1700	12.66	564.65	0.00	564.65	
MNW								4/15/2005 0800	13.99	563.32	0.00	563.32	
MNW								4/15/2005 1700	14.02	563.29	0.00	563.29	
MNW								4/18/2005 0000	13.51	563.80	0.00	563.80	
MNW								4/19/2005 0000	13.99	563.32	0.00	563.32	
MNW								4/21/2005 0000	12.47	564.84	0.00	564.84	
MNW								5/19/2005 0000	12.72	564.59	0.00	564.59	
MNW								5/31/2005 0000	12.46	564.85	0.00	564.85	
MNW								6/10/2005 0000	12.27	565.04	0.00	565.04	
MNW								9/30/2005 1457	12.08	565.23	0.00	565.23	
MNW								1/6/2006 1447	14.69	562.62	0.00	562.62	

NM - No Measurement

The value noted in the column labeled Specific Gravity is an assumed value for free product, if found.

Geologic Zone:

CN Canal Staff Gauge
 DRK Deep Bedrock
 IN Interface Well
 IRK Intermediate Bedrock
 OB Overburden Well

Type:

MNW Monitoring Well
 STG Staff Gauge

TABLE 3-4
GROUNDWATER ELEVATION MEASUREMENTS
NYSEG - FORMER TRANSIT STREET MGP SITE

Location ID Type	Northing	Easting	Grounds Elevation (ft)	Casing Elevation (ft)	Meas. point (Riser) Elev. (ft)	Geo. Zone	Specific Gravity	Date / Time	Depth to Water (ft)	Water Elev. (ft)	Product Thick. (ft)	Corrected Water Elev. (ft)	Remark
MW-17	1154188.190	1118081.370	593.93	593.93	593.46	SRK	1						
MNW								11/18/2004 0800	9.13	584.33	0.00	584.33	
MNW								11/18/2004 1700	9.16	584.30	0.00	584.30	
MNW								11/19/2004 0800	9.25	584.21	0.00	584.21	
MNW								11/19/2004 1700	9.21	584.25	0.00	584.25	
MNW								11/22/2004 0000	9.45	584.01	0.00	584.01	
MNW								11/23/2004 0000	9.67	583.79	0.00	583.79	
MNW								11/30/2004 0000	8.78	584.68	0.00	584.68	
MNW								12/2/2004 0000	8.49	584.97	0.00	584.97	
MNW								12/7/2004 0000	7.23	586.23	0.00	586.23	
MNW								12/20/2004 0000	7.41	586.05	0.00	586.05	
MNW								3/18/2005 0000	8.25	585.21	0.00	585.21	
MNW								3/25/2005 0000	8.31	585.15	0.00	585.15	
MNW								4/1/2005 0000	10.48	582.98	0.00	582.98	
MNW								4/13/2005 0000	11.34	582.12	0.00	582.12	
MNW								4/14/2005 0800	11.48	581.98	0.00	581.98	
MNW								4/14/2005 1700	11.50	581.96	0.00	581.96	
MNW								4/15/2005 0800	11.69	581.77	0.00	581.77	
MNW								4/15/2005 1700	11.72	581.74	0.00	581.74	
MNW								4/18/2005 0000	12.25	581.21	0.00	581.21	
MNW								4/19/2005 0000	12.40	581.06	0.00	581.06	
MNW								4/21/2005 0000	12.75	580.71	0.00	580.71	
MNW								5/19/2005 0000	23.96	569.50	0.00	569.50	
MNW								5/31/2005 0000	19.53	573.93	0.00	573.93	
MNW								6/10/2005 0000	19.11	574.35	0.00	574.35	
MNW								9/30/2005 1506	10.08	583.38	0.00	583.38	
MNW								1/6/2006 1155	10.88	582.58	0.00	582.58	

NM - No Measurement

The value noted in the column labeled Specific Gravity is an assumed value for free product, if found.

Geologic Zone:

CN Canal Staff Gauge
 DRK Deep Bedrock
 IN Interface Well
 IRK Intermediate Bedrock
 OB Overburden Well

Type:

MNW Monitoring Well
 STG Staff Gauge

TABLE 3-4
GROUNDWATER ELEVATION MEASUREMENTS
NYSEG - FORMER TRANSIT STREET MGP SITE

Location ID/ Type	Northing	Easting	Ground Elevation (ft)	Casing Elevation (ft)	Meas point (Riser) Elev (ft)	Geo Zone	Specific Gravity	Date/Time	Depth to Water (ft)	Water Elev. (ft)	Product Thick. (ft)	Corrected Water Elev. (ft)	Remarks
MW-18	1154419.470	1118620.760	598.45	598.45	598.13	IRK	1						
MNW								4/13/2005 0000	7.13	591.00	0.00	591.00	
MNW								4/14/2005 0800	7.67	590.46	0.00	590.46	
MNW								4/14/2005 1700	7.68	590.45	0.00	590.45	
MNW								4/15/2005 0800	7.74	590.39	0.00	590.39	
MNW								4/15/2005 1700	7.72	590.41	0.00	590.41	
MNW								4/18/2005 0000	7.81	590.32	0.00	590.32	
MNW								4/19/2005 0000	7.80	590.33	0.00	590.33	
MNW								4/21/2005 0000	7.90	590.23	0.00	590.23	
MNW								5/19/2005 0000	7.76	590.37	0.00	590.37	
MNW								5/31/2005 0000	7.95	590.18	0.00	590.18	
MNW								6/10/2005 0000	7.97	590.16	0.00	590.16	
MNW								9/30/2005 1557	7.44	590.69	0.00	590.69	
MNW								1/6/2006 1340	7.43	590.70	0.00	590.70	Eye bolts stripped
MW-19	1154768.400	1118688.400	592	592	591.57	IRK	1						
MNW								11/15/2004 0000	15.95	575.62	0.00	575.62	
MNW								11/18/2004 0800	17.73	573.84	0.00	573.84	
MNW								11/18/2004 1700	17.77	573.80	0.00	573.80	
MNW								11/19/2004 0800	18.91	572.66	0.00	572.66	
MNW								11/19/2004 1700	19.26	572.31	0.00	572.31	
MNW								11/22/2004 0000	17.48	574.09	0.00	574.09	
MNW								11/23/2004 0000	22.22	569.35	0.00	569.35	
MNW								11/30/2004 0000	9.99	581.58	0.00	581.58	
MNW								12/2/2004 0000	9.63	581.94	0.00	581.94	
MNW								12/7/2004 0000	10.30	581.27	0.00	581.27	
MNW								12/20/2004 0000	9.97	581.60	0.00	581.60	
MNW								3/18/2005 0000	9.85	581.72	0.00	581.72	

NM - No Measurement

The value noted in the column labeled Specific Gravity is an assumed value for free product, if found.

Geologic Zone:

CN Canal Staff Gauge
 DRK Deep Bedrock
 IN Interface Well
 IRK Intermediate Bedrock
 OB Overburden Well

Type:

MNW Monitoring Well
 STG Staff Gauge

TABLE 3-4
GROUNDWATER ELEVATION MEASUREMENTS
NYSEG - FORMER TRANSIT STREET MGP SITE

Location ID Type	Northing	Easting	Ground Elevation (ft)	Casing Elevation (ft)	Measure point (Riser) Elev. (ft)	Geologic Zone	Specific Gravity	Date/Time	Depth to Water (ft)	Water Elev. (ft)	Product Thick. (ft)	Corrected Water Elev. (ft)	Remarks
MNW								3/25/2005 0000	8.95	582.62	0.00	582.62	
MNW								4/1/2005 0000	9.35	582.22	0.00	582.22	
MNW								4/13/2005 0000	9.89	581.68	0.00	581.68	
MNW								4/14/2005 0800	9.93	581.64	0.00	581.64	
MNW								4/14/2005 1700	9.92	581.65	0.00	581.65	
MNW								4/15/2005 0800	10.02	581.55	0.00	581.55	
MNW								4/15/2005 1700	10.02	581.55	0.00	581.55	
MNW								4/18/2005 0000	10.48	581.09	0.00	581.09	
MNW								4/19/2005 0000	10.58	580.99	0.00	580.99	
MNW								4/21/2005 0000	10.42	581.15	0.00	581.15	
MNW								5/19/2005 0000	13.79	577.78	0.00	577.78	
MNW								5/31/2005 0000	17.34	574.23	0.00	574.23	
MNW								6/10/2005 0000	11.00	580.57	0.00	580.57	
MNW								9/30/2005 1553	9.32	582.25	0.00	582.25	
MNW								1/6/2006 1328	9.01	582.56	0.00	582.56	
SMW-01D	1153766.410	1118507.530	633.86	633.86	633.3	OB	1						
MNW								11/15/2004 0000	23.51	609.79	0.00	609.79	
MNW								11/18/2004 0800	23.52	609.78	0.00	609.78	
MNW								11/18/2004 1700	23.52	609.78	0.00	609.78	
MNW								11/19/2004 0800	23.55	609.75	0.00	609.75	
MNW								11/19/2004 1700	23.49	609.81	0.00	609.81	
MNW								11/22/2004 0000	23.55	609.75	0.00	609.75	
MNW								11/23/2004 0000	23.55	609.75	0.00	609.75	
MNW								11/30/2004 0000	23.55	609.75	0.00	609.75	
MNW								12/2/2004 0000	23.56	609.74	0.00	609.74	
MNW								12/7/2004 0000	23.39	609.91	0.00	609.91	
MNW								12/20/2004 0000	23.66	609.64	0.00	609.64	
MNW								3/18/2005 0000	21.95	611.35	0.00	611.35	

NM - No Measurement

The value noted in the column labeled Specific Gravity is an assumed value for free product, if found.

Geologic Zone:

CN Canal Staff Gauge
 DRK Deep Bedrock
 IN Interface Well
 IRK Intermediate Bedrock
 OB Overburden Well

Type:

MNW Monitoring Well
 STG Staff Gauge

TABLE 3-4
GROUNDWATER ELEVATION MEASUREMENTS
NYSEG - FORMER TRANSIT STREET MGP SITE

Excavation ID / Type	Northing	Easting	Ground Elevation (ft)	Casing Elevation (ft)	Meas. point (Riser) Elev. (ft)	Geol. Zone	Specific Gravity	Date / Time	Depth to Water (ft)	Water Elev. (ft)	Product Thick. (ft)	Corrected Water Elev. (ft)	Remark
MNW								3/25/2005 0000	21.91	611.39	0.00	611.39	
MNW								4/1/2005 0000	21.68	611.62	0.00	611.62	
MNW								4/13/2005 0000	20.91	612.39	0.00	612.39	
MNW								4/14/2005 0800	20.86	612.44	0.00	612.44	
MNW								4/14/2005 1700	20.88	612.42	0.00	612.42	
MNW								4/15/2005 0800	20.97	612.33	0.00	612.33	
MNW								4/15/2005 1700	20.94	612.36	0.00	612.36	
MNW								4/18/2005 0000	21.05	612.25	0.00	612.25	
MNW								4/19/2005 0000	21.12	612.18	0.00	612.18	
MNW								4/21/2005 0000	21.03	612.27	0.00	612.27	
MNW								5/19/2005 0000	21.68	611.62	0.00	611.62	
MNW								5/31/2005 0000	22.16	611.14	0.00	611.14	
MNW								6/10/2005 0000	22.64	610.66	0.00	610.66	
MNW								9/30/2005 1217	21.30	612.00	0.00	612.00	
MNW								1/6/2006 1404	23.58	609.72	0.00	609.72	
SMW-01S	1153757.990	1118508.080	634.16	634.16	633.87	OB	1						
MNW								11/15/2004 0000	25.05	608.82	0.00	608.82	
MNW								11/18/2004 0800	25.03	608.84	0.00	608.84	
MNW								11/18/2004 1700	25.03	608.84	0.00	608.84	
MNW								11/19/2004 0800	25.10	608.77	0.00	608.77	
MNW								11/19/2004 1700	25.10	608.77	0.00	608.77	
MNW								11/22/2004 0000	25.14	608.73	0.00	608.73	
MNW								11/23/2004 0000	25.15	608.72	0.00	608.72	
MNW								11/30/2004 0000	25.23	608.64	0.00	608.64	
MNW								12/2/2004 0000	25.21	608.66	0.00	608.66	
MNW								12/7/2004 0000	25.04	608.83	0.00	608.83	
MNW								12/20/2004 0000	24.89	608.98	0.00	608.98	
MNW								3/18/2005 0000	23.40	610.47	0.00	610.47	

NM - No Measurement

The value noted in the column labeled Specific Gravity is an assumed value for free product, if found.

Geologic Zone:

CN Canal Staff Gauge
 DRK Deep Bedrock
 IN Interface Well
 IRK Intermediate Bedrock
 OB Overburden Well

Type:

MNW Monitoring Well
 STG Staff Gauge

TABLE 3-4
GROUNDWATER ELEVATION MEASUREMENTS
NYSEG - FORMER TRANSIT STREET MGP SITE

Location ID / Type	Northing	Easting	Ground Elevation (ft)	Casing Elevation (ft)	Meas. point (Riser) Elev. (ft)	Geologic Zone	Specific Gravity	Date / Time	Depth to Water (ft)	Water Elev. (ft)	Product Thick. (ft)	Corrected Water Elev. (ft)	Remarks
MNW								3/25/2005 0000	23.32	610.55	0.00	610.55	
MNW								4/1/2005 0000	23.16	610.71	0.00	610.71	
MNW								4/13/2005 0000	22.24	611.63	0.00	611.63	
MNW								4/14/2005 0800	22.25	611.62	0.00	611.62	
MNW								4/14/2005 1700	22.25	611.62	0.00	611.62	
MNW								4/15/2005 0800	22.27	611.60	0.00	611.60	
MNW								4/15/2005 1700	22.26	611.61	0.00	611.61	
MNW								4/18/2005 0000	22.31	611.56	0.00	611.56	
MNW								4/19/2005 0000	22.28	611.59	0.00	611.59	
MNW								4/21/2005 0000	22.43	611.44	0.00	611.44	
MNW								5/19/2005 0000	23.36	610.51	0.00	610.51	
MNW								5/31/2005 0000	23.69	610.18	0.00	610.18	
MNW								6/10/2005 0000	24.09	609.78	0.00	609.78	
MNW								9/30/2005 1215	25.92	607.95	0.00	607.95	
MNW								1/6/2006 1400	24.69	609.18	0.00	609.18	
SMW-03D	1153741.230	1117979.390	606.04	606.04	605.49	OB	1						
MNW								11/15/2004 0000	5.41	600.08	0.00	600.08	
MNW								11/18/2004 0800	5.54	599.95	0.00	599.95	
MNW								11/18/2004 1700	5.58	599.91	0.00	599.91	
MNW								11/19/2004 0800	5.58	599.91	0.00	599.91	
MNW								11/19/2004 1700	5.65	599.84	0.00	599.84	
MNW								11/22/2004 0000	5.67	599.82	0.00	599.82	
MNW								11/23/2004 0000	5.69	599.80	0.00	599.80	
MNW								11/30/2004 0000	5.59	599.90	0.00	599.90	
MNW								12/2/2004 0000	5.55	599.94	0.00	599.94	
MNW								12/7/2004 0000	5.57	599.92	0.00	599.92	
MNW								12/20/2004 0000	5.52	599.97	0.00	599.97	
MNW								3/18/2005 0000	5.53	599.96	0.00	599.96	

NM - No Measurement

The value noted in the column labeled Specific Gravity is an assumed value for free product, if found.

Geologic Zone:

CN Canal Staff Gauge
 DRK Deep Bedrock
 IN Interface Well
 IRK Intermediate Bedrock
 OB Overburden Well

Type:

MNW Monitoring Well
 STG Staff Gauge

TABLE 3-4
GROUNDWATER ELEVATION MEASUREMENTS
NYSEG - FORMER TRANSIT STREET MGP SITE

Location ID/ Type	Northing	Easting	Ground Elevation (ft)	Casing Elevation (ft)	Meas point (Riser) Elev (ft)	Geologic Zone	Specific Gravity	Date / Time	Depth to Water (ft)	Water Elev (ft)	Product Thick (ft)	Corrected Water Elev (ft)	Remarks
MNW								3/25/2005 0000	5.60	599.89	0.00	599.89	
MNW								4/1/2005 0000	5.49	600.00	0.00	600.00	
MNW								4/13/2005 0000	5.54	599.95	0.00	599.95	
MNW								4/14/2005 0800	5.51	599.98	0.00	599.98	
MNW								4/14/2005 1700	5.50	599.99	0.00	599.99	
MNW								4/15/2005 0800	5.45	600.04	0.00	600.04	
MNW								4/15/2005 1700	5.24	600.25	0.00	600.25	
MNW								4/18/2005 0000	5.55	599.94	0.00	599.94	
MNW								4/19/2005 0000	5.59	599.90	0.00	599.90	
MNW								4/21/2005 0000	5.53	599.96	0.00	599.96	
MNW								5/19/2005 0000	5.56	599.93	0.00	599.93	
MNW								5/31/2005 0000	5.63	599.86	0.00	599.86	
MNW								6/10/2005 0000	5.58	599.91	0.00	599.91	
MNW								9/30/2005 1345	5.51	599.98	0.00	599.98	
MNW								1/6/2006 1123	5.24	600.25	0.00	600.25	
SMW-03S	1153748.890	1117978.130	605.66	605.66	604.86	OB	1						
MNW								11/15/2004 0000	5.22	599.64	0.00	599.64	
MNW								11/18/2004 0800	5.19	599.67	0.00	599.67	
MNW								11/18/2004 1700	5.20	599.66	0.00	599.66	
MNW								11/19/2004 0800	5.21	599.65	0.00	599.65	
MNW								11/19/2004 1700	5.16	599.70	0.00	599.70	
MNW								11/22/2004 0000	5.15	599.71	0.00	599.71	
MNW								11/23/2004 0000	5.15	599.71	0.00	599.71	
MNW								11/30/2004 0000	5.13	599.73	0.00	599.73	
MNW								12/2/2004 0000	5.08	599.78	0.00	599.78	
MNW								12/7/2004 0000	5.13	599.73	0.00	599.73	
MNW								12/20/2004 0000	5.17	599.69	0.00	599.69	
MNW								3/18/2005 0000	5.18	599.68	0.00	599.68	

NM - No Measurement

The value noted in the column labeled Specific Gravity is an assumed value for free product, if found.

Geologic Zone:

CN Canal Staff Gauge
 DRK Deep Bedrock
 IN Interface Well
 IRK Intermediate Bedrock
 OB Overburden Well

Type:

MNW Monitoring Well
 STG Staff Gauge

TABLE 3-4
GROUNDWATER ELEVATION MEASUREMENTS
NYSEG - FORMER TRANSIT STREET MGP SITE

Location ID Type	Northing	Easting	Ground Elevation (ft)	Casing Elevation (ft)	Meas point (Riser) Elev (ft)	Geologic Zone	Specific Gravity	Date/Time	Depth to Water (ft)	Water Elev (ft)	Product Thick (ft)	Corrected Water Elev (ft)	Remarks
MNW								3/25/2005 0000	5.18	599.68	0.00	599.68	
MNW								4/1/2005 0000	5.15	599.71	0.00	599.71	
MNW								4/13/2005 0000	5.18	599.68	0.00	599.68	
MNW								4/14/2005 0800	5.22	599.64	0.00	599.64	
MNW								4/14/2005 1700	5.18	599.68	0.00	599.68	
MNW								4/15/2005 0800	5.19	599.67	0.00	599.67	
MNW								4/15/2005 1700	5.51	599.35	0.00	599.35	
MNW								4/18/2005 0000	5.22	599.64	0.00	599.64	
MNW								4/19/2005 0000	5.26	599.60	0.00	599.60	
MNW								4/21/2005 0000	5.25	599.61	0.00	599.61	
MNW								5/19/2005 0000	5.21	599.65	0.00	599.65	
MNW								5/31/2005 0000	5.22	599.64	0.00	599.64	
MNW								6/10/2005 0000	5.20	599.66	0.00	599.66	
MNW								9/30/2005 1344	4.97	599.89	0.00	599.89	
MNW								1/6/2006 1121	4.98	599.88	0.00	599.88	
SMW-04S/D	1153838.332	1118145.069	607.03	607.03	606.65	OB	1						
MNW								5/19/2005 0000	2.90	603.75	0.00	603.75	
MNW								5/31/2005 0000	3.04	603.61	0.00	603.61	
MNW								6/10/2005 0000	3.16	603.49	0.00	603.49	
MNW								9/30/2005 1359	3.64	603.01	0.00	603.01	
MNW								1/6/2006 1109	2.18	604.47	0.00	604.47	
SMW-05	1154041.270	1117983.860	595.31	595.31	594.91	OB	1						
MNW								11/15/2004 0000	16.95	577.96	0.00	577.96	
MNW								11/18/2004 0800	16.91	578.00	0.00	578.00	
MNW								11/18/2004 1700	16.92	577.99	0.00	577.99	
MNW								11/19/2004 0800	16.91	578.00	0.00	578.00	
MNW								11/19/2004 1700	16.95	577.96	0.00	577.96	

NM - No Measurement

The value noted in the column labeled Specific Gravity is an assumed value for free product, if found.

Geologic Zone:

CN Canal Staff Gauge
 DRK Deep Bedrock
 IN Interface Well
 IRK Intermediate Bedrock
 OB Overburden Well

Type:

MNW Monitoring Well
 STG Staff Gauge

TABLE 3-4
GROUNDWATER ELEVATION MEASUREMENTS
NYSEG - FORMER TRANSIT STREET MGP SITE

Location ID/ Type	Northing	Easting	Ground Elevation (ft)	Casing Elevation (ft)	Measurement (Riser) Elev. (ft)	Geol. Zone	Specific Gravity	Date/Time	Depth to Water (ft)	Water Elev. (ft)	Product Thick. (in)	Corrected Water Elev. (ft)	Remarks
MNW								11/22/2004 0000	16.85	578.06	0.00	578.06	
MNW								11/23/2004 0000	16.89	578.02	0.00	578.02	
MNW								11/30/2004 0000	16.85	578.06	0.00	578.06	
MNW								12/2/2004 0000	16.83	578.08	0.00	578.08	
MNW								12/7/2004 0000	16.83	578.08	0.00	578.08	
MNW								12/20/2004 0000	16.92	577.99	0.00	577.99	
MNW								3/25/2005 0000	16.83	578.08	0.00	578.08	
MNW								4/13/2005 0000	16.88	578.03	0.00	578.03	
MNW								4/14/2005 0800	16.82	578.09	0.00	578.09	
MNW								4/14/2005 1700	16.82	578.09	0.00	578.09	
MNW								4/15/2005 0800	16.88	578.03	0.00	578.03	
MNW								4/15/2005 1700	16.88	578.03	0.00	578.03	
MNW								4/18/2005 0000	16.83	578.08	0.00	578.08	
MNW								4/19/2005 0000	16.82	578.09	0.00	578.09	
MNW								4/21/2005 0000	16.81	578.10	0.00	578.10	
MNW								5/19/2005 0000	16.82	578.09	0.00	578.09	
MNW								5/31/2005 0000	16.83	578.08	0.00	578.08	
MNW								6/10/2005 0000	16.84	578.07	0.00	578.07	
MNW								9/30/2005 1338	16.80	578.11	0.00	578.11	
MNW								1/6/2006 1133	16.78	578.13	0.00	578.13	
SMW-06D	1154026.020	1118191.370	600.98	600.98	600.29	OB	1						
MNW								11/15/2004 0000	3.90	596.39	0.00	596.39	
MNW								11/18/2004 0800	3.85	596.44	0.00	596.44	
MNW								11/18/2004 1700	3.88	596.41	0.00	596.41	
MNW								11/19/2004 0800	3.95	596.34	0.00	596.34	
MNW								11/19/2004 1700	3.91	596.38	0.00	596.38	
MNW								11/22/2004 0000	3.90	596.39	0.00	596.39	
MNW								11/23/2004 0000	3.88	596.41	0.00	596.41	

NM - No Measurement

The value noted in the column labeled Specific Gravity is an assumed value for free product, if found.

Geologic Zone:

CN Canal Staff Gauge
 DRK Deep Bedrock
 IN Interface Well
 IRK Intermediate Bedrock
 OB Overburden Well

Type:

MNW Monitoring Well
 STG Staff Gauge

TABLE 3-4
GROUNDWATER ELEVATION MEASUREMENTS
NYSEG - FORMER TRANSIT STREET MGP SITE

Location ID Type	Northing	Easting	Ground Elevation (ft)	Casing Elevation (ft)	Meas. Point (Riser) Elev. (ft)	Geol. Zone	Specific Gravity	Date/Time	Depth to Water (ft)	Water Elev. (ft)	Product Thick. (ft)	Corrected Water Elev. (ft)	Remark
MNW								11/30/2004 0000	3.78	596.51	0.00	596.51	
MNW								12/2/2004 0000	3.72	596.57	0.00	596.57	
MNW								12/7/2004 0000	3.84	596.45	0.00	596.45	
MNW								12/20/2004 0000	3.82	596.47	0.00	596.47	
MNW								3/25/2005 0000	3.20	597.09	0.00	597.09	
MNW								4/1/2005 0000	3.58	596.71	0.00	596.71	
MNW								4/13/2005 0000	3.49	596.80	0.00	596.80	
MNW								4/14/2005 0800	3.48	596.81	0.00	596.81	
MNW								4/14/2005 1700	3.56	596.73	0.00	596.73	
MNW								4/15/2005 0800	3.54	596.75	0.00	596.75	
MNW								4/15/2005 1700	3.58	596.71	0.00	596.71	
MNW								4/18/2005 0000	3.62	596.67	0.00	596.67	
MNW								4/19/2005 0000	3.63	596.66	0.00	596.66	
MNW								4/21/2005 0000	4.13	596.16	0.00	596.16	
MNW								5/19/2005 0000	3.62	596.67	0.00	596.67	
MNW								5/31/2005 0000	4.13	596.16	0.00	596.16	
MNW								6/10/2005 0000	3.97	596.32	0.00	596.32	
MNW								9/30/2005 1420	3.89	596.40	0.00	596.40	
MNW								1/6/2006 1013	7.46	592.83	0.00	592.83	No DNAPL
SMW-06S	1154026.000	1118187.460	600.78	600.78	600.24	OB	1						
MNW								11/15/2004 0000	4.00	596.24	0.00	596.24	
MNW								11/18/2004 0800	3.98	596.26	0.00	596.26	
MNW								11/18/2004 1700	4.00	596.24	0.00	596.24	
MNW								11/19/2004 0800	4.09	596.15	0.00	596.15	
MNW								11/19/2004 1700	4.02	596.22	0.00	596.22	
MNW								11/22/2004 0000	3.94	596.30	0.00	596.30	
MNW								11/23/2004 0000	3.95	596.29	0.00	596.29	
MNW								11/30/2004 0000	3.74	596.50	0.00	596.50	

NM - No Measurement

The value noted in the column labeled Specific Gravity is an assumed value for free product, if found.

Geologic Zone:

CN Canal Staff Gauge
 DRK Deep Bedrock
 IN Interface Well
 IRK Intermediate Bedrock
 OB Overburden Well

Type:

MNW Monitoring Well
 STG Staff Gauge

TABLE 3-4
GROUNDWATER ELEVATION MEASUREMENTS
NYSEG - FORMER TRANSIT STREET MGP SITE

Location ID Type	Northing	Easting	Ground Elevation (ft)	Casing Elevation (ft)	Measurement (Riser) Elev. (ft)	Geol. Zone	Specific Gravity	Date/Time	Depth to Water (ft)	Water Elev. (ft)	Product Thick. (ft)	Corrected Water Elev. (ft)	Remarks
MNW								12/2/2004 0000	3.58	596.66	0.00	596.66	
MNW								12/7/2004 0000	3.69	596.55	0.00	596.55	
MNW								12/20/2004 0000	3.87	596.37	0.00	596.37	
MNW								3/18/2005 0000	3.68	596.56	0.00	596.56	
MNW								3/25/2005 0000	3.22	597.02	0.00	597.02	
MNW								4/1/2005 0000	3.55	596.69	0.00	596.69	
MNW								4/13/2005 0000	3.66	596.58	0.00	596.58	
MNW								4/14/2005 0800	3.60	596.64	0.00	596.64	
MNW								4/14/2005 1700	3.59	596.65	0.00	596.65	
MNW								4/15/2005 0800	3.65	596.59	0.00	596.59	
MNW								4/15/2005 1700	3.66	596.58	0.00	596.58	
MNW								4/18/2005 0000	3.68	596.56	0.00	596.56	
MNW								4/19/2005 0000	3.61	596.63	0.00	596.63	
MNW								4/21/2005 0000	3.73	596.51	0.00	596.51	
MNW								5/19/2005 0000	3.70	596.54	0.00	596.54	
MNW								5/31/2005 0000	3.77	596.47	0.00	596.47	
MNW								6/10/2005 0000	3.80	596.44	0.00	596.44	
MNW								9/30/2005 1419	3.57	596.67	0.00	596.67	
MNW								1/6/2006 1013	3.43	596.81	0.00	596.81	No DNAPL
SMW-07	1154187.960	1118092.580	593.89	593.89	593.37	OB	1						
MNW								11/15/2004 0000	6.33	587.04	0.00	587.04	
MNW								11/18/2004 0800	6.48	586.89	0.00	586.89	
MNW								11/18/2004 1700	6.43	586.94	0.00	586.94	
MNW								11/19/2004 0800	6.47	586.90	0.00	586.90	
MNW								11/19/2004 1700	6.48	586.89	0.00	586.89	
MNW								11/22/2004 0000	5.82	587.55	0.00	587.55	
MNW								11/23/2004 0000	5.96	587.41	0.00	587.41	
MNW								11/30/2004 0000	5.83	587.54	0.00	587.54	

NM - No Measurement

The value noted in the column labeled Specific Gravity is an assumed value for free product, if found.

Geologic Zone:

CN Canal Staff Gauge
 DRK Deep Bedrock
 IN Interface Well
 IRK Intermediate Bedrock
 OB Overburden Well

Type:

MNW Monitoring Well
 STG Staff Gauge

TABLE 3-4
GROUNDWATER ELEVATION MEASUREMENTS
NYSEG - FORMER TRANSIT STREET MGP SITE

Location ID / Type	Northing	Easting	Groundwater Elevation (ft)	Casing Elevation (ft)	Meas. point (Riser) Elev. (ft)	Geologic Zone	Specific Gravity	Date / Time	Depth to Water (ft)	Water Elev. (ft)	Product Thick. (ft)	Corrected Water Elev. (ft)	Remark
MNW								12/2/2004 0000	5.74	587.63	0.00	587.63	
MNW								12/7/2004 0000	5.73	587.64	0.00	587.64	
MNW								12/20/2004 0000	6.92	586.45	0.00	586.45	
MNW								3/18/2005 0000	NM	-	0.00	-	Obstruction at 4.55'
MNW								3/25/2005 0000	NM	-	0.00	-	Obstruction at 4.55'
MNW								4/1/2005 0000	NM	-	0.00	-	
MNW								4/13/2005 0000	NM	-	0.00	-	Obstruction at 4.55'
MNW								4/14/2005 0800	NM	-	0.00	-	Obstruction at 4.55'
MNW								4/14/2005 1700	NM	-	0.00	-	Obstruction at 4.55'
MNW								4/15/2005 0800	NM	-	0.00	-	Obstruction at 4.55'
MNW								4/15/2005 1700	NM	-	0.00	-	Obstruction at 4.55'
MNW								4/18/2005 0000	NM	-	0.00	-	Obstruction at 4.55'
MNW								4/19/2005 0000	NM	-	0.00	-	Obstruction at 4.55'
MNW								4/21/2005 0000	NM	-	0.00	-	Obstruction at 4.55'
MNW								5/19/2005 0000	6.70	586.67	0.00	586.67	
MNW								5/31/2005 0000	6.65	586.72	0.00	586.72	
MNW								6/10/2005 0000	6.70	586.67	0.00	586.67	
MNW								9/30/2005 1520	6.70	586.67	0.00	586.67	
MNW								1/6/2006 1153	6.75	586.62	0.00	586.62	
SMW-08	1154221.800	1118176.620	595.11	595.11	594.5	OB	1						
MNW								11/15/2004 0000	NM	-	0.00	-	Dry
MNW								11/18/2004 0800	NM	-	0.00	-	Dry
MNW								11/18/2004 1700	NM	-	0.00	-	Dry
MNW								11/19/2004 0800	NM	-	0.00	-	Dry
MNW								11/19/2004 1700	NM	-	0.00	-	Dry
MNW								11/22/2004 0000	NM	-	0.00	-	Dry
MNW								11/23/2004 0000	NM	-	0.00	-	Dry
MNW								11/30/2004 0000	NM	-	0.00	-	Dry

NM - No Measurement

The value noted in the column labeled Specific Gravity is an assumed value for free product, if found.

Geologic Zone:

CN Canal Staff Gauge
 DRK Deep Bedrock
 IN Interface Well
 IRK Intermediate Bedrock
 OB Overburden Well

Type:

MNW Monitoring Well
 STG Staff Gauge

TABLE 3-4
GROUNDWATER ELEVATION MEASUREMENTS
NYSEG - FORMER TRANSIT STREET MGP SITE

Location ID/ Type	Northing	Easting	Ground Elevation (ft)	Casing Elevation (ft)	Meas point (Riser) Elev (ft)	Geol Zone	Specific Gravity	Date/Time	Depth to Water (ft)	Water Elev (ft)	Product Thick (ft)	Corrected Water Elev (ft)	Remarks
MNW								12/2/2004 0000	5.82	588.68	0.00	588.68	
MNW								12/7/2004 0000	6.64	587.86	0.00	587.86	
MNW								12/20/2004 0000	6.89	587.61	0.00	587.61	
MNW								3/18/2005 0000	5.52	588.98	0.00	588.98	
MNW								3/25/2005 0000	5.99	588.51	0.00	588.51	
MNW								4/1/2005 0000	NM	-	0.00	-	Dry
MNW								4/13/2005 0000	NM	-	0.00	-	Dry
MNW								4/14/2005 0800	NM	-	0.00	-	Dry
MNW								4/14/2005 1700	NM	-	0.00	-	Dry
MNW								4/15/2005 0800	NM	-	0.00	-	Dry
MNW								4/15/2005 1700	NM	-	0.00	-	Dry
MNW								4/18/2005 0000	NM	-	0.00	-	Dry
MNW								4/19/2005 0000	NM	-	0.00	-	Dry
MNW								4/21/2005 0000	NM	-	0.00	-	Dry
MNW								5/19/2005 0000	NM	-	0.00	-	Dry
MNW								5/31/2005 0000	NM	-	0.00	-	Dry
MNW								6/10/2005 0000	NM	-	0.00	-	Dry
MNW								9/30/2005 1257	6.25	588.25	0.00	588.25	
MNW								1/6/2006 1206	5.10	589.40	0.00	589.40	
SMW-09	1154342.140	1118143.930	594.11	594.11	593.71	OB	1						
MNW								3/18/2005 0000	NM	-	0.00	-	Dry
MNW								3/25/2005 0000	6.89	586.82	0.00	586.82	
MNW								4/1/2005 0000	6.58	587.13	0.00	587.13	
MNW								4/13/2005 0000	6.69	587.02	0.00	587.02	
MNW								4/14/2005 0800	6.75	586.96	0.00	586.96	
MNW								4/14/2005 1700	6.75	586.96	0.00	586.96	
MNW								4/15/2005 0800	6.80	586.91	0.00	586.91	
MNW								4/15/2005 1700	6.80	586.91	0.00	586.91	

NM - No Measurement

The value noted in the column labeled Specific Gravity is an assumed value for free product, if found.

Geologic Zone:

CN Canal Staff Gauge
 DRK Deep Bedrock
 IN Interface Well
 IRK Intermediate Bedrock
 OB Overburden Well

Type:

MNW Monitoring Well
 STG Staff Gauge

TABLE 3-4
GROUNDWATER ELEVATION MEASUREMENTS
NYSEG - FORMER TRANSIT STREET MGP SITE

Location ID/ Type	Northing	Easting	Ground Elevation (ft)	Casing Elevation (ft)	Meas. point (Riser) Elev. (ft)	Geol. Zone	Specific Gravity	Date/Time	Depth to Water (ft)	Water Elev. (ft)	Product Thick. (ft)	Corrected Water Elev. (ft)	Remark
MNW								4/18/2005 0000	6.85	586.86	0.00	586.86	
MNW								4/19/2005 0000	6.87	586.84	0.00	586.84	
MNW								4/21/2005 0000	6.91	586.80	0.00	586.80	
MNW								5/19/2005 0000	6.97	586.74	0.00	586.74	
MNW								5/31/2005 0000	7.83	585.88	0.00	585.88	
MNW								6/10/2005 0000	7.24	586.47	0.00	586.47	
MNW								9/30/2005 1310	NM	-	NM	-	Dry
MNW								1/6/2006 1232	6.50	587.21	0.00	587.21	
SMW-10	1154184.180	1118522.770	606.37	606.37	606.13	OB	1						
MNW								3/18/2005 0000	6.53	599.60	0.00	599.60	
MNW								3/25/2005 0000	5.68	600.45	0.00	600.45	
MNW								4/1/2005 0000	5.36	600.77	0.00	600.77	
MNW								4/13/2005 0000	NM	-	0.00	-	
MNW								4/14/2005 0800	NM	-	0.00	-	
MNW								4/14/2005 1700	NM	-	0.00	-	
MNW								4/15/2005 0800	7.14	598.99	0.00	598.99	
MNW								4/15/2005 1700	6.50	599.63	0.00	599.63	
MNW								4/18/2005 0000	6.29	599.84	0.00	599.84	
MNW								4/19/2005 0000	6.10	600.03	0.00	600.03	
MNW								4/21/2005 0000	5.96	600.17	0.00	600.17	
MNW								5/19/2005 0000	6.14	599.99	0.00	599.99	
MNW								5/31/2005 0000	6.28	599.85	0.00	599.85	
MNW								6/10/2005 0000	6.58	599.55	0.00	599.55	
MNW								9/30/2005 1236	5.31	600.82	0.00	600.82	
MNW								1/6/2006 1302	5.22	600.91	0.00	600.91	
SMW-11	1154030.770	1118058.000	596.36	596.36	595.97	OB	1						
MNW								3/25/2005 0000	5.48	590.49	0.00	590.49	

NM - No Measurement

The value noted in the column labeled Specific Gravity is an assumed value for free product, if found.

Geologic Zone:

CN Canal Staff Gauge
 DRK Deep Bedrock
 IN Interface Well
 IRK Intermediate Bedrock
 OB Overburden Well

Type:

MNW Monitoring Well
 STG Staff Gauge

TABLE 3-4
GROUNDWATER ELEVATION MEASUREMENTS
NYSEG - FORMER TRANSIT STREET MGP SITE

Location ID/ Type	Northings	Eastings	Ground Elevation (ft)	Casing Elevation (ft)	Meas. point (Riser) Elev (ft)	Geol Zone	Specific Gravity	Date / Time	Depth to Water (ft)	Water Elev (ft)	Product Thick (ft)	Corrected Water Elev (ft)	Remarks
MNW								4/11/2005 0000	5.12	590.85	0.00	590.85	
MNW								4/13/2005 0000	5.25	590.72	0.00	590.72	
MNW								4/14/2005 0800	5.28	590.69	0.00	590.69	
MNW								4/14/2005 1700	5.29	590.68	0.00	590.68	
MNW								4/15/2005 0800	5.34	590.63	0.00	590.63	
MNW								4/15/2005 1700	5.33	590.64	0.00	590.64	
MNW								4/18/2005 0000	5.41	590.56	0.00	590.56	
MNW								4/19/2005 0000	5.42	590.55	0.00	590.55	
MNW								4/21/2005 0000	5.44	590.53	0.00	590.53	
MNW								5/19/2005 0000	5.48	590.49	0.00	590.49	
MNW								5/31/2005 0000	6.68	589.29	0.00	589.29	
MNW								6/10/2005 0000	5.88	590.09	0.00	590.09	
MNW								9/30/2005 1307	4.73	591.24	0.00	591.24	
MNW								1/6/2006 1059	4.75	591.22	0.00	591.22	No DNAPL

NM - No Measurement

The value noted in the column labeled Specific Gravity is an assumed value for free product, if found.

Geologic Zone:

CN Canal Staff Gauge
 DRK Deep Bedrock
 IN Interface Well
 IRK Intermediate Bedrock
 OB Overburden Well

Type:

MNW Monitoring Well
 STG Staff Gauge

TABLE 3-5
PACKER TEST OBSERVATIONS AND RESULTS
NYSEG - TRANSIT STREET FORMER MGP SITE
LOCKPORT, NEW YORK

Well Boring ID	Date	Water Loss During Coring (gallons)	Depth Interval Tested (ft)	Corresponding Core Run Information			Pumping Rate During Packer Test/Duration	Water Level	Recovery	Notes	Recovery Test Results		
				Core Run/ Depth	Recovery	RQD					T (ft ³ /sec)	T (cm ³ /sec)	K (average cm/sec)
BMW04-01	2/23/2005	450	25-45	C-04 (29.5' - 34.5')	100	100	~3 gpm/ 13 minutes 40 gallons	5.95'-7.65'	12 minutes	Collected Sample	1.28E-03	1.19E+00	2.42E-02
				C-05 (34.5' - 39')	100	91							
				C-06 (39' - 44.5')	100	100							
			45-60	C-07 (44.5' - 49.5')	100	100	~.65 gpm/ 62 minutes 40 gallons	7.28'-43.80'	25 minutes	Collected Sample	1.57E-05	1.46E-02	1.27E-05
				C-08 (49.5' - 54.5')	100	98							
				C-09 (54.5' - 59.5')	100	92							
			60-70	C-10 (59.5' - 65')	100	85	30 gallons	Pumped Dry several times	58 minutes	Collected Sample	9.92E-06	9.21E-03	5.15E-06
				C-11 (65' - 70')	100	84							
BMW04-03	2/17/2005	400	27-42	C-05 (25' - 30')	100	92	~0.4 gpm/45 minutes 20 gallons	35.38 to Unmeasurable	Maintains water level	Collected Sample	7.39E-05	2.25E-03	2.19E-05
				C-06 (30' - 35')	100	93							
				C-07 (35' - 40')	100	84							
			42-57	C-08 (40' - 45')	100	100	1 gpm/ 30 minutes 30 gallons	44.25' - 50.15'	Maintains water level	Collected Sample	8.07E-05	7.49E-02	4.39E-04
				C-09 (45' - 50')	100	82							
				C-10 (50' - 55')	100	86							
			57-72	C-11 (55' - 60')	100	73	4 gpm/ 4 minutes	Pumped Dry	90 minutes	Collected Sample	1.61E-04	1.49E-01	1.19E-04
				C-12 (60' - 65')	100	66							
				C-13 (65' - 70')	100	85							
				C-14 (70' - 75')	100	82							

TABLE 3-5
PACKER TEST OBSERVATIONS AND RESULTS
NYSEG - TRANSIT STREET FORMER MGP SITE
LOCKPORT, NEW YORK

Well Boring ID	Date	Water Loss During Coring (gallons)	Depth Interval Tested (ft)	Corresponding Core Run Information			Pumping Rate During Packer Test/Duration	Water Level	Recovery	Notes	Recovery Test Results		
				Core Run/ Depth	Recovery	RQD					T (ft ² /sec)	T (cm ² /sec)	K (average cm/sec)
BMW04-09	3/2/2005-3/4/2005	50	20-29	C-02 (20.5' - 24.5')	100	100	~1.1 gpm/23 minutes 25 gallons	22.95'-31.18'	20 minutes	Collected Sample	5.57E-05	5.18E-02	2.25E-04
				C-03 (24.5' - 29.5')	100	100							
			28-42	C-04 (29.5' - 34.5')	100	100	~1.25 gpm/ 32 minutes 40 gallons	20.14'-27.40'	27 minutes	Collected Sample	1.05E-04	9.73E-02	4.59E-04
				C-05 (34.5' - 39.5')	100	100							
			42-56	C-06 (39.5' - 44.5')	100	95	~0.6 gpm/ 51 minutes 30 gallons	Unattainable	20 minutes	Collected Sample	2.90E-05	2.69E-02	7.99E-05
				C-07 (44.5' - 49.5')	100	96							
				C-08 (49.5' - 54.5')	100	94							
			56-70	C-09 (54.5' - 59.5')	100	100	~0.3 gpm/ 78 minutes 23 gallons	24.20'-55.25'	18 minutes	Collected Sample	2.30E-05	2.14E-02	2.29E-05
				C-10 (59.5' - 64.5')	100	100							
				C-11 (64.5' - 69.5')	100	80							
			70-79	C-12 (69.5' - 74.5')	100	88	~0.55 gpm/ 50 minutes 27.5 gallons	35.75'-63.12'	41 minutes	Collected Sample	1.07E-05	9.91E-03	1.22E-05
				C-13 (74.5' - 79.5')	100	82							
MW-15	3/23/2005	20	11-40	C-02 (11' - 15')	100	100	~1.5 gpm/ 17 minutes 25 gallons	29.78' -34.78'	49 minutes	Collected Sample	2.43E-04	2.26E-01	1.70E-03
				C-03 (15' - 20')	98	86							
				C-04 (20' - 25')	98	85							
				C-05 (25' - 30')	100	92							
				C-06 (30' - 35')	100	96							
				C-07 (35' - 40')	100	93							
			40-50	C-08 (40' - 45')	100	96	~0.9 gpm/27 minutes 24 gallons	30.17'-47.80'	13 minutes	Collected Sample	1.56E-04	1.45E-01	2.92E-04
				C-09 (45' - 50')	100	100							

TABLE 3-6
VERTICAL HYDRAULIC GRADIENTS
NYSEG - TRANSIT STREET FORMER MGP SITE
LOCKPORT, NEW YORK

Location ID	Difference in Screen Midpoint Elevation (ft)	4/1/2005				4/14/2005				4/18/2005			
		Water Elevation (ft)	Difference in Water Elevation (ft)	Vertical Hydraulic Gradient (ft/ft)	Direction	Water Elevation (ft)	Difference in Water Elevation (ft)	Vertical Hydraulic Gradient (ft/ft)	Direction	Water Elevation (ft)	Difference in Water Elevation (ft)	Vertical Hydraulic Gradient (ft/ft)	Direction
SMW-09	26.25	587.13	NM	NM	NM	586.96	20.13	0.77	Downward	586.86	20.86	0.79	Downward
MW-01		NM				566.83				566.00			
MW-01	33.25	NM	NM	NM	NM	566.83	0.00	0.00	Static	566.00	0.00	0.00	Static
BMW-04-03		561.57				566.83				566.00			
SMW-08	14.95	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-11		587.92				587.92				587.47			
MW-11	27.3	587.92	36.33	1.33	Downward	587.92	27.41	1.00	Downward	587.47	27.03	0.99	Downward
MW-12		551.59				560.51				560.44			
SMW-07	17	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-17		582.98				581.98				581.21			
MW-17	27.2	582.98	24.03	0.88	Downward	581.98	14.66	0.54	Downward	581.21	13.53	0.50	Downward
BMW-04-02		558.95				567.32				567.68			
SMW-04 S/D	20.15	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
BMW-04-08		602.72				602.81				602.70			
BMW-04-08	23.1	602.72	NM	NM	NM	602.81	NM	NM	NM	602.70	NM	NM	NM
BMW-04-14		NM				NM				NM			
IW-02	10.75	600.25	0.10	0.01	Downward	600.26	-0.02	0.00	Static	600.16	0.09	0.01	Downward
MW-06		600.15				600.28				600.07			
MW-06	19.35	600.15	4.20	0.22	Downward	600.28	4.53	0.23	Downward	600.07	4.59	0.24	Downward
BMW-04-11		595.95				595.75				595.48			
MW-10S	18.25	591.75	0.27	0.01	Downward	590.99	-0.47	-0.03	Upward	590.60	-0.68	-0.04	Upward
MW-10		591.48				591.46				591.28			
MW-10	22.75	591.48	38.84	1.71	Downward	591.46	34.35	1.51	Downward	591.28	32.73	1.44	Downward
BMW-04-12		552.64				557.11				558.55			
SMW-06S	5.5	596.69	-0.02	0.00	Static	596.64	-0.17	-0.03	Upward	596.56	-0.11	-0.02	Upward
SMW-06D		596.71				596.81				596.67			
SMW-01S	20	610.71	-0.91	-0.05	Upward	611.62	-0.82	-0.04	Upward	611.56	-0.69	-0.03	Upward
SMW-01D		611.62				612.44				612.25			
SMW-03S	8.05	599.71	-0.29	-0.04	Upward	599.64	-0.34	-0.04	Upward	599.64	-0.30	-0.04	Upward
SMW-03D		600.00				599.98				599.94			

Notes:

NM = Not measured on this date.

N:\1173467.00000\EXCEL\Transit ST R\Draft RI Tables\Table 3-6

**TABLE 3-6
VERTICAL HYDRAULIC GRADIENTS
NYSEG - TRANSIT STREET FORMER MGP SITE
LOCKPORT, NEW YORK**

Location ID	6/10/2005				1/6/2006			
	Water Elevation (ft)	Difference in Water Elevation (ft)	Vertical Hydraulic Gradient (ft/ft)	Direction	Water Elevation (ft)	Difference in Water Elevation (ft)	Vertical Hydraulic Gradient (ft/ft)	Direction
SMW-09	586.47	21.22	0.81	Downward	587.21	27.48	1.05	Downward
MW-01	565.25				559.73			
MW-01	565.25	0.11	0.00	Static	559.73	1.62	0.05	Downward
BMW-04-03	565.14				558.11			
SMW-08	NM	NM	NM	NM	589.40	0.41	0.03	Downward
MW-11	585.84				588.99			
MW-11	585.84	24.17	0.89	Downward	588.99	33.94	1.24	Downward
MW-12	561.67				555.05			
SMW-07	586.67	12.32	0.72	Downward	586.62	4.04	0.24	Downward
MW-17	574.35				582.58			
MW-17	574.35	12.35	0.45	Downward	582.58	27.63	1.02	Downward
BMW-04-02	562.00				554.95			
SMW-04 S/D	603.49	1.37	0.07	Downward	604.47	1.64	0.08	Downward
BMW-04-08	602.12				602.83			
BMW-04-08	602.12	12.22	0.53	Downward	602.83	14.19	0.61	Downward
BMW-04-14	589.90				588.64			
IW-02	599.64	0.13	0.01	Downward	600.58	-0.01	0.00	Static
MW-06	599.51				600.59			
MW-06	599.51	2.52	0.13	Downward	600.59	8.30	0.43	Downward
BMW-04-11	596.99				592.29			
MW-10S	589.12	-1.50	-0.08	Upward	593.90	4.25	0.23	Downward
MW-10	590.62				589.65			
MW-10	590.62	30.70	1.35	Downward	589.65	36.96	1.62	Downward
BMW-04-12	559.92				552.69			
SMW-06S	596.44	0.12	0.02	Downward	596.81	3.98	0.72	Downward
SMW-06D	596.32				592.83			
SMW-01S	609.78	-0.88	-0.04	Upward	609.18	-0.54	-0.03	Upward
SMW-01D	610.66				609.72			
SMW-03S	599.66	-0.25	-0.03	Upward	599.88	-0.37	-0.05	Upward
SMW-03D	599.91				600.25			

Notes:

NM = Not measured on this date.

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TABLE 4-1
SUMMARY OF DETECTED RI SURFACE SOIL ANALYTICAL RESULTS
NYSEG - FORMER TRANSIT STREET MGP SITE
LOCKPORT, NEW YORK

Location ID				SS-07	SS-08	SS-09
Sample ID				SS-07	SS-08	SS-09
Matrix				Soil	Soil	Soil
Depth Interval (ft)				0.0-0.5	0.0-0.5	0.0-0.5
Date Sampled				06/02/05	06/02/05	06/02/05
Parameter	Units	Criteria (1)	Criteria (2)			
Semivolatile Organic Compounds						
Acenaphthylene	MG/KG	41	-	6.9 U	7.0 U	0.88 J
Anthracene	MG/KG	50	-	0.88 J	0.50 J	0.41 J
Benzo(a)anthracene	MG/KG	0.224 or MDL	-	4.0 J	2.4 J	2.0 J
Benzo(a)pyrene	MG/KG	0.061 or MDL	-	4.3 J	2.7 J	2.3 J
Benzo(b)fluoranthene	MG/KG	1.1	-	6.4 J	3.6 J	2.7 J
Benzo(g,h,i)perylene	MG/KG	50	-	2.4 J	1.7 J	2.0 J
Benzo(k)fluoranthene	MG/KG	1.1	-	1.6 J	1.2 J	0.97 J
bis(2-Ethylhexyl)phthalate	MG/KG	50	-	1.1 J	0.72 J	6.8 U
Butylbenzylphthalate	MG/KG	50	-	6.9 U	0.36 J	6.8 U
Carbazole	MG/KG	50	-	0.45 J	7.0 U	6.8 U
Chrysene	MG/KG	0.4	-	4.5 J	2.7 J	1.9 J
Dibenz(a,h)anthracene	MG/KG	0.014 or MDL	-	0.64 J	0.45 J	0.44 J
Fluoranthene	MG/KG	50	-	11	6.7 J	3.8 J
Indeno(1,2,3-cd)pyrene	MG/KG	3.2	-	2.2 J	1.6 J	1.5 J
Phenanthrene	MG/KG	50	-	5.1 J	3.1 J	1.6 J
Pyrene	MG/KG	50	-	7.8	4.9 J	2.9 J
Total Carcinogenic PAHs	MG/KG	-	-	23.64	14.65	11.81
Total Non-Carcinogenic PAHs	MG/KG	-	-	27.18	16.9	11.59
Total Polycyclic Aromatic Hydrocarbons	MG/KG	-	-	50.82	31.55	23.4
Total Semivolatile Organic Compounds	MG/KG	500	-	52.37	32.63	23.4

Criteria (1)- NYSDEC TAGM: Determination of Soil Cleanup Objectives and Cleanup Levels; HWR-94-4046 January 24, 1994 (Revised).

Criteria (2)- Eastern USA Background Concentrations from NYSDEC TAGM: HWR-94-4046 January 24, 1994 (Revised).

Flags assigned during chemistry validation are shown.



Concentration Exceeds Criteria (1)



Concentration Exceeds Criteria (2)

J - The reported concentration is an estimated value.

D - Result reported from a secondary dilution analysis.

U - Not detected above the reported quantitation limit.

NA - Not Analyzed

Only Detected Results Reported.

Detection Limits shown are PQL

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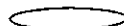
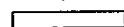
TABLE 4-1
SUMMARY OF DETECTED RI SURFACE SOIL ANALYTICAL RESULTS
NYSEG - FORMER TRANSIT STREET MGP SITE
LOCKPORT, NEW YORK

Location ID				SS-07	SS-08	SS-09
Sample ID				SS-07	SS-08	SS-09
Matrix				Soil	Soil	Soil
Depth Interval (ft)				0.0-0.5	0.0-0.5	0.0-0.5
Date Sampled				06/02/05	06/02/05	06/02/05
Parameter	Units	Criteria (1)	Criteria (2)			
Metals						
Aluminum	MG/KG	SB	33000	2,500 J	2,470 J	3,060 J
Arsenic	MG/KG	7.5	3-12	3.0 J	2.9 J	3.6 J
Barium	MG/KG	300	15-600	55.9 J	56.7 J	31.9 J
Beryllium	MG/KG	0.16	0-1.75	0.21 UJ	0.24 J	0.20 UJ
Cadmium	MG/KG	1	0.1-1	0.27 J	0.90 J	0.22 J
Calcium	MG/KG	SB	130-35000	61,300	70,900	18,500
Chromium	MG/KG	10	1.5-40	36.2 J	30.9 J	13.0 J
Cobalt	MG/KG	30	2.5-60	3.0 J	3.4 J	4.2 J
Copper	MG/KG	25	1-50	95.9 J	72.2 J	28.5 J
Iron	MG/KG	2000	2000-550000	19,500 J	15,300 J	7,180 J
Lead	MG/KG	SB	500	143 J	873 J	252 J
Magnesium	MG/KG	SB	100-5000	23,300 J	30,100 J	8,330 J
Manganese	MG/KG	SB	50-5000	416 J	565 J	325 J
Mercury	MG/KG	0.1	0.001-0.2	0.073	0.105	0.115
Nickel	MG/KG	13	0.5-25	20.2 J	31.1 J	23.5 J
Potassium	MG/KG	SB	8500-43000	369 J	324 J	390 J
Sodium	MG/KG	SB	6000-8000	350 J	404 J	149 J
Vanadium	MG/KG	150	1-300	6.4 J	6.8 J	7.2 J
Zinc	MG/KG	20	9-50	489 J	449 J	153 J

Criteria (1)- NYSDEC TAGM: Determination of Soil Cleanup Objectives and Cleanup Levels; HWR-94-4046 January 24, 1994 (Revised).

Criteria (2)- Eastern USA Background Concentrations from NYSDEC TAGM: HWR-94-4046 January 24, 1994 (Revised).

Flags assigned during chemistry validation are shown.

 Concentration Exceeds Criteria (1)
 Concentration Exceeds Criteria (2)

J - The reported concentration is an estimated value.

D - Result reported from a secondary dilution analysis.

U - Not detected above the reported quantitation limit.

NA - Not Analyzed

Only Detected Results Reported.

Detection Limits shown are PQL

Advanced Selection: Transit RI SE
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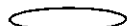
TABLE 4-1
SUMMARY OF DETECTED RI SURFACE SOIL ANALYTICAL RESULTS
NYSEG - FORMER TRANSIT STREET MGP SITE
LOCKPORT, NEW YORK

Location ID				SS-07	SS-08	SS-09
Sample ID				SS-07	SS-08	SS-09
Matrix				Soil	Soil	Soil
Depth Interval (ft)				0.0-0.5	0.0-0.5	0.0-0.5
Date Sampled				06/02/05	06/02/05	06/02/05
Parameter	Units	Criteria (1)	Criteria (2)			
Miscellaneous Parameters						
Total Cyanide	MG/KG	-	-	1.0 U	1.1	0.95 U
Total Cyanide (Secondary Lab)	MG/KG	-	-	NA	3.77	NA
Free Cyanide	MG/KG	-	-	NA	0.07	NA
Ferric/Ferrous Iron Cyanide Complex	MG/KG	-	-	NA	1.85	NA
Unknown Iron Cyanide Complex	MG/KG	-	-	NA	0.17	NA

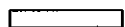
Criteria (1)- NYSDEC TAGM: Determination of Soil Cleanup Objectives and Cleanup Levels; HWR-94-4046 January 24, 1994 (Revised).

Criteria (2)- Eastern USA Background Concentrations from NYSDEC TAGM: HWR-94-4046 January 24, 1994 (Revised).

Flags assigned during chemistry validation are shown.



Concentration Exceeds Criteria (1)



Concentration Exceeds Criteria (2)

J - The reported concentration is an estimated value.

D - Result reported from a secondary dilution analysis.

U - Not detected above the reported quantitation limit.

NA - Not Analyzed

Only Detected Results Reported.

Detection Limits shown are PQL

Advanced Selection: Transit RI SS
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TABLE 4-2
STATISTICAL SUMMARY OF DETECTED RI SURFACE SOIL ANALYTICAL RESULTS
NYSEG - FORMER TRANSIT STREET MGP SITE

Parameter	Units	Criteria (1)	Criteria (2)	No. of Samples	No. of Detections	Range of Detections					Dist	No. of Exceed.		Location of Max
						Min	Max	Avg	StdDev	UCL95		Crit. (1)	Crit. (2)	
Semivolatile Organic Compounds														
Acenaphthylene	MG/KG	41	-	3	1	0.880	0.880	0.880	-	-	Non-Normal	0	0	SS-09
Anthracene	MG/KG	50	-	3	3	0.410	0.880	0.597	0.249	0.879	Non-Normal	0	0	SS-07
Benzo(a)anthracene	MG/KG	0.224 or MDL	-	3	3	2.00	4.00	2.80	1.06	4.00	Non-Normal	3	0	SS-07
Benzo(a)pyrene	MG/KG	0.061 or MDL	-	3	3	2.30	4.30	3.10	1.06	4.30	Non-Normal	3	0	SS-07
Benzo(b)fluoranthene	MG/KG	1.1	-	3	3	2.70	6.40	4.23	1.93	6.42	Non-Normal	3	0	SS-07
Benzo(g,h,i)perylene	MG/KG	50	-	3	3	1.70	2.40	2.03	0.351	2.43	Normal	0	0	SS-07
Benzo(k)fluoranthene	MG/KG	1.1	-	3	3	0.970	1.60	1.26	0.319	1.62	Normal	2	0	SS-07
bis(2-Ethylhexyl)phthalate	MG/KG	50	-	3	2	0.720	1.10	0.910	0.269	1.28	Non-Normal	0	0	SS-07
Butylbenzylphthalate	MG/KG	50	-	3	1	0.360	0.360	0.360	-	-	Non-Normal	0	0	SS-08
Carbazole	MG/KG	50	-	3	1	0.450	0.450	0.450	-	-	Non-Normal	0	0	SS-07
Chrysene	MG/KG	0.4	-	3	3	1.90	4.50	3.03	1.33	4.54	Non-Normal	3	0	SS-07
Dibenz(a,h)anthracene	MG/KG	0.014 or MDL	-	3	3	0.440	0.640	0.510	0.113	0.638	Non-Normal	3	0	SS-07
Fluoranthene	MG/KG	50	-	3	3	3.80	11.00	7.17	3.62	11.27	Normal	0	0	SS-07
Indeno(1,2,3-cd)pyrene	MG/KG	3.2	-	3	3	1.50	2.20	1.77	0.379	2.20	Non-Normal	0	0	SS-07
Phenanthrene	MG/KG	50	-	3	3	1.60	5.10	3.27	1.76	5.25	Normal	0	0	SS-07

Criteria (1)- NYSDEC TAGM: Determination of Soil Cleanup Objectives and Cleanup Levels; HWR-94-4046 January 24, 1994 (Revised).

Criteria (2)- Eastern USA Background Concentrations from NYSDEC TAGM: HWR-94-4046 January 24, 1994 (Revised).



Concentration Exceeds Criteria (1)



Concentration Exceeds Criteria (2)

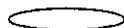
Only Detected Results Reported.

TABLE 4-2
STATISTICAL SUMMARY OF DETECTED RI SURFACE SOIL ANALYTICAL RESULTS
NYSEG - FORMER TRANSIT STREET MGP SITE

Parameter	Units	Criteria (1)	Criteria (2)	No. of Samples	No. of Detections	Range of Detections					Dist	No. of Exceed.		Location of Max
						Min	Max	Avg	StdDev	UCL95		Crit. (1)	Crit. (2)	
Semivolatile Organic Compounds														
Pyrene	MG/KG	50	-	3	3	2.90	7.80	5.20	2.46	7.99	Normal	0	0	SS-07
Metals														
Aluminum	MG/KG	SB	33000	3	3	2,470	3,060	2,677	332.3	3,053	Non-Normal	0	0	SS-09
Arsenic	MG/KG	7.5	3-12	3	3	2.90	3.60	3.17	0.379	3.60	Non-Normal	0	0	SS-09
Barium	MG/KG	300	15-600	3	3	31.90	56.70	48.17	14.09	64.11	Non-Normal	0	0	SS-08
Beryllium	MG/KG	0.16	0-1.75	3	1	0.240	0.240	0.240	-	-	Non-Normal	1	0	SS-08
Cadmium	MG/KG	1	0.1-1	3	3	0.220	0.900	0.463	0.379	0.892	Non-Normal	0	0	SS-08
Calcium	MG/KG	SB	130-3500	3	3	1.85E+04	7.09E+04	5.02E+04	2.79E+04	8.18E+04	Non-Normal	0	2	SS-08
Chromium	MG/KG	10	1.5-40	3	3	13.00	36.20	26.70	12.16	40.46	Non-Normal	3	0	SS-07
Cobalt	MG/KG	30	2.5-60	3	3	3.00	4.20	3.53	0.611	4.22	Normal	0	0	SS-09
Copper	MG/KG	25	1-50	3	3	28.50	95.90	65.53	34.19	104.2	Normal	3	2	SS-07
Iron	MG/KG	2000	2000-550000	3	3	7,180	1.95E+04	1.40E+04	6,263	2.11E+04	Normal	3	0	SS-07
Lead	MG/KG	SB	500	3	3	143.0	873.0	422.7	393.8	868.3	Non-Normal	0	1	SS-08
Magnesium	MG/KG	SB	100-5000	3	3	8,330	3.01E+04	2.06E+04	1.11E+04	3.32E+04	Non-Normal	0	3	SS-08
Manganese	MG/KG	SB	50-5000	3	3	325.0	565.0	435.3	121.2	572.4	Normal	0	0	SS-08

Criteria (1)- NYSDEC TAGM: Determination of Soil Cleanup Objectives and Cleanup Levels; HWR-94-4046 January 24, 1994 (Revised).

Criteria (2)- Eastern USA Background Concentrations from NYSDEC TAGM: HWR-94-4046 January 24, 1994 (Revised).



Concentration Exceeds Criteria (1)



Concentration Exceeds Criteria (2)

Only Detected Results Reported.

TABLE 4-2
STATISTICAL SUMMARY OF DETECTED RI SURFACE SOIL ANALYTICAL RESULTS
NYSEG - FORMER TRANSIT STREET MGP SITE

Parameter	Units	Criteria (1)	Criteria (2)	No. of Samples	No. of Detections	Range of Detections					Dist	No. of Exceed.		Location of Max
						Min	Max	Avg	StdDev	UCL95		Crit. (1)	Crit. (2)	
Metals														
Mercury	MG/KG	0.1	0.001-0.2	3	3	0.073	0.115	0.098	0.022	0.122	Non-Normal	2	0	SS-09
Nickel	MG/KG	13	0.5-25	3	3	20.20	31.10	24.93	5.59	31.26	Non-Normal	3	1	SS-08
Potassium	MG/KG	SB	8500-43000	3	3	324.0	390.0	361.0	33.72	399.2	Non-Normal	0	0	SS-09
Sodium	MG/KG	SB	6000-8000	3	3	149.0	404.0	301.0	134.4	453.1	Non-Normal	0	0	SS-08
Vanadium	MG/KG	150	1-300	3	3	6.40	7.20	6.80	0.400	7.25	Normal	0	0	SS-09
Zinc	MG/KG	20	9-50	3	3	153.0	489.0	363.7	183.5	571.4	Non-Normal	3	3	SS-07
Miscellaneous Parameters														
Total Cyanide	MG/KG	-	-	3	1	1.10	1.10	1.10	-	-	Non-Normal	0	0	SS-08
Total Cyanide (Secondary Lab)	MG/KG	-	-	1	1	3.77	3.77	3.77	-	-	-	0	0	SS-08
Free Cyanide	MG/KG	-	-	1	1	0.070	0.070	0.070	-	-	-	0	0	SS-08
Ferric/Ferrous Iron Cyanide Complex	MG/KG	-	-	1	1	1.85	1.85	1.85	-	-	-	0	0	SS-08
Unknown Iron Cyanide Complex	MG/KG	-	-	1	1	0.170	0.170	0.170	-	-	-	0	0	SS-08

Criteria (1)- NYSDEC TAGM: Determination of Soil Cleanup Objectives and Cleanup Levels; HWR-94-4046 January 24, 1994 (Revised).

Criteria (2)- Eastern USA Background Concentrations from NYSDEC TAGM: HWR-94-4046 January 24, 1994 (Revised).



Concentration Exceeds Criteria (1)



Concentration Exceeds Criteria (2)

Only Detected Results Reported.

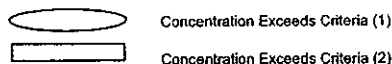
TABLE 4-3
SUMMARY OF DETECTED RI SUBSURFACE SOIL ANALYTICAL RESULTS
NYSEG - FORMER TRANSIT STREET MGP SITE
LOCKPORT, NEW YORK

Location ID				GB-01	GB-02	GB-02	GB-03	GB-04
Sample ID				GB-01 (8.4-9.4)	DUP-01	GB-02 (9-10)	GB-03 (9-11)	GB-04 (3-4)
Matrix				Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)				8.4-9.4	9.0-10.0	9.0-10.0	9.0-11.0	3.0-4.0
Date Sampled				05/25/05	05/25/05	05/25/05	05/31/05	05/26/05
Parameter	Units	Criteria (1)	Criteria (2)		Field Duplicate (1-1)			
Volatile Organic Compounds								
1,2-Dichloroethene (cis)	MG/KG	-	-	0.006 U	0.005 U	0.006 U	0.006 U	NA
Acetone	MG/KG	0.2	-	0.031 U	0.027 U	0.028 U	0.028 U	NA
Benzene	MG/KG	0.06	-	0.006 U	0.005 U	0.006 U	0.006 U	NA
Carbon disulfide	MG/KG	2.7	-	0.006 U	0.005 U	0.006 U	0.001 J	NA
Cyclohexane	MG/KG	-	-	0.006 U	0.005 U	0.006 U	0.006 U	NA
Dichlorodifluoromethane	MG/KG	-	-	0.006 U	0.005 U	0.006 U	0.006 U	NA
Ethylbenzene	MG/KG	5.5	-	0.006 U	0.005 U	0.006 U	0.006 U	NA
Isopropylbenzene (Cumene)	MG/KG	2.3	-	0.006 U	0.005 U	0.006 U	0.006 U	NA
Methyl ethyl ketone (2-Butanone)	MG/KG	0.3	-	0.031 U	0.027 U	0.028 U	0.024 J	NA
Methylcyclohexane	MG/KG	-	-	0.006 U	0.005 U	0.006 U	0.006 U	NA
Styrene	MG/KG	-	-	0.006 U	0.005 U	0.006 U	0.006 U	NA
Tetrachloroethene	MG/KG	1.4	-	0.006 U	0.005 U	0.006 U	0.006 U	NA
Toluene	MG/KG	1.5	-	0.003 J	0.003 J	0.004 J	0.006 U	NA
Trichlorofluoromethane	MG/KG	-	-	0.006 U	0.005 U	0.006 U	0.006 U	NA
Xylene (total)	MG/KG	1.2	-	0.018 U	0.016 U	0.017 U	0.017 U	NA
Total BTEX	MG/KG	-	-	0.003	0.003	0.004	ND	NA
Total Volatile Organic Compounds	MG/KG	10	-	0.003	0.003	0.004	0.025	NA
Semivolatile Organic Compounds								
1,1-Biphenyl	MG/KG	50	-	3.9 U	0.36 U	0.37 U	0.39 U	NA
2,4-Dimethylphenol	MG/KG	50	-	3.9 U	0.36 U	0.37 U	0.39 U	NA

Criteria (1)- NYSDEC TAGM: Determination of Soil Cleanup Objectives and Cleanup Levels; HWR-94-4046 January 24, 1994 (Revised).

Criteria (2)- Eastern USA Background Concentrations from NYSDEC TAGM: HWR-94-4046 January 24, 1994 (Revised).

Flags assigned during chemistry validation are shown.



J - The reported concentration is an estimated value. U - Not detected above the reported quantitation limit.

D - Result reported from a secondary dilution analysis.

E - The actual sample concentration exceeds the reported concentration, but could not be accurately determined during analysis (used for natural oxidant demand only).

NA - Not Analyzed

Only Detected Results Reported.

Detection Limits shown are PQL

Advanced Selection: Transa RI SBI
N:\1173487.0000\IDBProgram\EDMS.mds
Printed: 8/16/2006 8:59:47 AM
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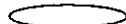
TABLE 4-3
SUMMARY OF DETECTED RI SUBSURFACE SOIL ANALYTICAL RESULTS
NYSEG - FORMER TRANSIT STREET MGP SITE
LOCKPORT, NEW YORK

Location ID				GB-01	GB-02	GB-02	GB-03	GB-04
Sample ID				GB-01 (8.4-9.4)	DUP-01	GB-02 (9-10)	GB-03 (9-11)	GB-04 (3-4)
Matrix				Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)				8.4-9.4	9.0-10.0	9.0-10.0	9.0-11.0	3.0-4.0
Date Sampled				05/25/05	05/25/05	05/25/05	05/31/05	05/26/05
Parameter	Units	Criteria (1)	Criteria (2)	Field Duplicate (1-1)				
Semivolatile Organic Compounds								
2-Chloronaphthalene	MG/KG	50	-	3.9 U	0.36 U	0.37 U	0.39 U	NA
2-Methylnaphthalene	MG/KG	36.4	-	3.9 U	0.36 U	0.37 U	0.39 U	NA
4-Chloroaniline	MG/KG	0.22 or MDL	-	3.9 U	0.36 U	0.37 U	0.39 U	NA
4-Methylphenol (p-cresol)	MG/KG	0.9	-	3.9 U	0.36 U	0.37 U	0.39 U	NA
Acenaphthene	MG/KG	50	-	3.9 U	0.36 U	0.37 U	0.39 U	NA
Acenaphthylene	MG/KG	41	-	1.9 J	0.36 U	0.37 U	0.39 U	NA
Anthracene	MG/KG	50	-	1.0 J	0.36 U	0.37 U	0.39 U	NA
Benzo(a)anthracene	MG/KG	0.224 or MDL	-	6.8	0.36 U	0.37 U	0.056 J	NA
Benzo(a)pyrene	MG/KG	0.061 or MDL	-	5.0	0.36 U	0.37 U	0.054 J	NA
Benzo(b)fluoranthene	MG/KG	1.1	-	5.8	0.36 U	0.37 U	0.060 J	NA
Benzo(g,h,i)perylene	MG/KG	50	-	2.1 J	0.36 U	0.37 U	0.034 J	NA
Benzo(k)fluoranthene	MG/KG	1.1	-	2.0 J	0.36 U	0.37 U	0.39 U	NA
bis(2-Ethylhexyl)phthalate	MG/KG	50	-	3.9 U	0.36 U	0.37 U	0.39 U	NA
Butylbenzylphthalate	MG/KG	50	-	3.9 U	0.36 U	0.37 U	0.39 U	NA
Carbazole	MG/KG	50	-	3.9 U	0.36 U	0.37 U	0.39 U	NA
Chrysene	MG/KG	0.4	-	5.8	0.36 U	0.37 U	0.047 J	NA
Dibenz(a,h)anthracene	MG/KG	0.014 or MDL	-	0.84 J	0.36 U	0.37 U	0.39 U	NA
Dibenzofuran	MG/KG	6.2	-	3.9 U	0.36 U	0.37 U	0.39 U	NA
Fluoranthene	MG/KG	50	-	11	0.36 U	0.37 U	0.12 J	NA
Fluorene	MG/KG	50	-	0.35 J	0.36 U	0.37 U	0.39 U	NA

Criteria (1)- NYSDEC TAGM: Determination of Soil Cleanup Objectives and Cleanup Levels: HWR-94-4046 January 24, 1994 (Revised).

Criteria (2)- Eastern USA Background Concentrations from NYSDEC TAGM: HWR-94-4046 January 24, 1994 (Revised).

Flags assigned during chemistry validation are shown.



Concentration Exceeds Criteria (1)



Concentration Exceeds Criteria (2)

J - The reported concentration is an estimated value. U - Not detected above the reported quantitation limit.

D - Result reported from a secondary dilution analysis.

E - The actual sample concentration exceeds the reported concentration, but could not be accurately determined during analysis (used for natural oxidant demand only).

NA - Not Analyzed

Only Detected Results Reported.

Detection Limits shown are PQL

Advanced Selection: Transit RI SBI
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 [SITEID] = '01' AND ([SACODE] = 'N' OR [SACODE] = 'FD') AND [MATRIX] = 'SO' AND [LOCID] LIKE 'GB-*' AND [LODATE] >= 8/17/2000

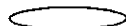
TABLE 4-3
SUMMARY OF DETECTED RI SUBSURFACE SOIL ANALYTICAL RESULTS
NYSEG - FORMER TRANSIT STREET MGP SITE
LOCKPORT, NEW YORK

Location ID				GB-01	GB-02	GB-02	GB-03	GB-04
Sample ID				GB-01 (8.4-9.4)	DUP-01	GB-02 (9-10)	GB-03 (9-11)	GB-04 (3-4)
Matrix				Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)				8.4-9.4	9.0-10.0	9.0-10.0	9.0-11.0	3.0-4.0
Date Sampled				05/25/05	05/25/05	05/25/05	05/31/05	05/26/05
Parameter	Units	Criteria (1)	Criteria (2)		Field Duplicate (1-1)			
Semivolatile Organic Compounds								
Indeno(1,2,3-cd)pyrene	MG/KG	3.2	-	2.1 J	0.36 U	0.37 U	0.031 J	NA
Naphthalene	MG/KG	13	-	3.9 U	0.36 U	0.37 U	0.39 U	NA
Phenanthrene	MG/KG	50	-	2.9 J	0.36 U	0.37 U	0.074 J	NA
Pyrene	MG/KG	50	-	9.5	0.36 U	0.37 U	0.084 J	NA
Total Carcinogenic PAHs	MG/KG	-	-	28.34	ND	ND	0.248	NA
Total Non-Carcinogenic PAHs	MG/KG	-	-	28.75	ND	ND	0.312	NA
Total Polycyclic Aromatic Hydrocarbons	MG/KG	-	-	57.09	ND	ND	0.56	NA
Total Semivolatile Organic Compounds	MG/KG	500	-	57.09	ND	ND	0.56	NA
Polychlorinated Biphenyls								
Aroclor 1248	MG/KG	10	-	0.019 U	0.018 U	0.018 U	0.020 U	NA
Aroclor 1254	MG/KG	10	-	0.019 U	0.018 U	0.018 U	0.020 U	NA
Total Polychlorinated Biphenyls	MG/KG	10	-	ND	ND	ND	ND	NA
Metals								
Aluminum	MG/KG	SB	33000	9,140 J	3,700 J	3,470 J	2,950	NA
Arsenic	MG/KG	7.5	3-12	4.5 J	2.5 J	3.3 J	2.7 J	NA
Barium	MG/KG	300	15-600	130 J	53.7 J	27.3 J	29.5 J	NA
Beryllium	MG/KG	0.16	0-1.75	0.47	0.21	0.20 U	0.22 UJ	NA
Cadmium	MG/KG	1	0.1-1	0.22 U	0.20 U	0.28	0.22 UJ	NA
Calcium	MG/KG	SB	130-35000	16,700 J	42,300 J	90,100 J	113,000	NA
Chromium	MG/KG	10	1.5-40	14.1 J	5.4 J	4.5 J	5.9 J	NA

Criteria (1)- NYSDEC TAGM: Determination of Soil Cleanup Objectives and Cleanup Levels; HWR-94-4046 January 24, 1994 (Revised).

Criteria (2)- Eastern USA Background Concentrations from NYSDEC TAGM: HWR-94-4046 January 24, 1994 (Revised).

Flags assigned during chemistry validation are shown.



Concentration Exceeds Criteria (1)



Concentration Exceeds Criteria (2)

J - The reported concentration is an estimated value. U - Not detected above the reported quantitation limit.

D - Result reported from a secondary dilution analysis.

E - The actual sample concentration exceeds the reported concentration, but could not be accurately determined during analysis (used for natural oxidant demand only).

NA - Not Analyzed

Only Detected Results Reported.

Detection Limits shown are PQL

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TABLE 4-3
SUMMARY OF DETECTED RI SUBSURFACE SOIL ANALYTICAL RESULTS
NYSEG - FORMER TRANSIT STREET MGP SITE
LOCKPORT, NEW YORK

Location ID				GB-01	GB-02	GB-02	GB-03	GB-04
Sample ID				GB-01 (8.4-9.4)	DUP-01	GB-02 (9-10)	GB-03 (9-11)	GB-04 (3-4)
Matrix				Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)				8.4-9.4	9.0-10.0	9.0-10.0	9.0-11.0	3.0-4.0
Date Sampled				05/25/05	05/25/05	05/25/05	05/31/05	05/26/05
Parameter	Units	Criteria (1)	Criteria (2)	Field Duplicate (1-1)				
Metals								
Cobalt	MG/KG	30	2.5-60	9.1 J	3.9 J	3.7 J	2.8 J	NA
Copper	MG/KG	25	1-50	7.6 J	15.6 J	15.4 J	19.5 J	NA
Iron	MG/KG	2000	2000-550000	19,700 J	7,760 J	7,450 J	7,060 J	NA
Lead	MG/KG	SB	500	14.3 J	3.0 J	4.8 J	24.1	NA
Magnesium	MG/KG	SB	100-5000	5,980 J	7,880 J	12,300 J	14,800	NA
Manganese	MG/KG	SB	50-5000	446 J	476 J	580 J	541 J	NA
Mercury	MG/KG	0.1	0.001-0.2	0.023	0.017 U	0.016 U	0.212	NA
Nickel	MG/KG	13	0.5-25	14.7 J	7.0 J	6.3 J	5.6 J	NA
Potassium	MG/KG	SB	8500-43000	1,610 J	925 J	1,060 J	678	NA
Sodium	MG/KG	SB	6000-8000	842 J	290 J	331 J	234 J	NA
Vanadium	MG/KG	150	1-300	16.4 J	7.6 J	7.3 J	6.2 J	NA
Zinc	MG/KG	20	9-50	54.8 J	29.2 J	28.8 J	56.5 J	NA
Miscellaneous Parameters								
Total Cyanide	MG/KG	-	-	1.3 UJ	1.1 UJ	1.1 UJ	0.89 UJ	NA
Phenolics, Total Recoverable	MG/KG	-	-	6.9	4.6 U	5.4 U	6.0 U	NA
Total Organic Carbon (TOC)	MG/KG	-	-	NA	NA	NA	NA	12,100
Total Cyanide (Secondary Lab)	MG/KG	-	-	NA	NA	NA	NA	NA
Free Cyanide	MG/KG	-	-	NA	NA	NA	NA	NA
Ferric/Ferrous Iron Cyanide Complex	MG/KG	-	-	NA	NA	NA	NA	NA
Unknown Iron Cyanide Complex	MG/KG	-	-	NA	NA	NA	NA	NA

Criteria (1)- NYSDEC TAGM: Determination of Soil Cleanup Objectives and Cleanup Levels; HWR-94-4046 January 24, 1994 (Revised).

Criteria (2)- Eastern USA Background Concentrations from NYSDEC TAGM: HWR-94-4046 January 24, 1994 (Revised).

Flags assigned during chemistry validation are shown.



Concentration Exceeds Criteria (1)

Concentration Exceeds Criteria (2)

J - The reported concentration is an estimated value. U - Not detected above the reported quantitation limit.

D - Result reported from a secondary dilution analysis.

E - The actual sample concentration exceeds the reported concentration, but could not be accurately determined during analysis (used for natural oxidant demand only).

NA - Not Analyzed

Only Detected Results Reported.

Detection Limits shown are PQL

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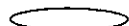
TABLE 4-3
SUMMARY OF DETECTED RI SUBSURFACE SOIL ANALYTICAL RESULTS
NYSEG - FORMER TRANSIT STREET MGP SITE
LOCKPORT, NEW YORK

Location ID				GB-01	GB-02	GB-02	GB-03	GB-04
Sample ID				GB-01 (8.4-9.4)	DUP-01	GB-02 (9-10)	GB-03 (9-11)	GB-04 (3-4)
Matrix				Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)				8.4-9.4	9.0-10.0	9.0-10.0	9.0-11.0	3.0-4.0
Date Sampled				05/25/05	05/25/05	05/25/05	05/31/05	05/26/05
Parameter	Units	Criteria (1)	Criteria (2)		Field Duplicate (1-1)			
Miscellaneous Parameters								
Natural Oxidant Demand (Low Dose)	G/KG	-	-	NA	NA	NA	NA	3.1
Natural Oxidant Demand (Medium Dose)	G/KG	-	-	NA	NA	NA	NA	11.4
Natural Oxidant Demand (High Dose)	G/KG	-	-	NA	NA	NA	NA	17.2

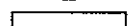
Criteria (1)- NYSDEC TAGM: Determination of Soil Cleanup Objectives and Cleanup Levels; HWR-94-4046 January 24, 1994 (Revised).

Criteria (2)- Eastern USA Background Concentrations from NYSDEC TAGM: HWR-94-4046 January 24, 1994 (Revised).

Flags assigned during chemistry validation are shown.



Concentration Exceeds Criteria (1)



Concentration Exceeds Criteria (2)

J - The reported concentration is an estimated value. U - Not detected above the reported quantitation limit.

D - Result reported from a secondary dilution analysis.

E - The actual sample concentration exceeds the reported concentration, but could not be accurately determined during analysis (used for natural oxidant demand only).

NA - Not Analyzed

Only Detected Results Reported.

Detection Limits shown are PQL

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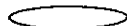
TABLE 4-3
SUMMARY OF DETECTED RI SUBSURFACE SOIL ANALYTICAL RESULTS
NYSEG - FORMER TRANSIT STREET MGP SITE
LOCKPORT, NEW YORK

Location ID				GB-04	GB-05	GB-05	GB-06	GB-06
Sample ID				GB-04 (5.2-7.2)	GB-05 (6-8)	GB-05 (9-10)	GB-06 (7-8)	DUP-03
Matrix				Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)				5.2-7.2	6.0-8.0	9.0-10.0	7.0-8.0	8.5-10.5
Date Sampled				05/26/05	05/26/05	05/26/05	05/26/05	05/26/05
Parameter	Units	Criteria (1)	Criteria (2)					Field Duplicate (1-1)
Volatile Organic Compounds								
1,2-Dichloroethene (cis)	MG/KG	-	-	0.008 U	0.025 U	0.005 U	0.006 U	0.006 U
Acetone	MG/KG	0.2	-	0.20	0.13 U	0.027 U	0.098	0.033
Benzene	MG/KG	0.06	-	0.019	0.64	0.004 J	0.004 J	0.022
Carbon disulfide	MG/KG	2.7	-	0.004 J	0.006 J	0.005 U	0.001 J	0.001 J
Cyclohexane	MG/KG	-	-	0.008 U	0.025 U	0.005 U	0.006 U	0.006 U
Dichlorodifluoromethane	MG/KG	-	-	0.008 U	0.025 U	0.005 U	0.006 U	0.006 U
Ethylbenzene	MG/KG	5.5	-	0.64 D	6.2 D	0.79 D	0.008	0.022
Isopropylbenzene (Cumene)	MG/KG	2.3	-	0.19 D	0.99 DJ	0.12 DJ	0.002 J	0.002 J
Methyl ethyl ketone (2-Butanone)	MG/KG	0.3	-	0.051	0.13 U	0.027 U	0.020 J	0.006 J
Methylcyclohexane	MG/KG	-	-	0.005 J	0.012 J	0.005 U	0.006 U	0.006 U
Styrene	MG/KG	-	-	0.008 U	0.87	0.74 D	0.006 U	0.005 J
Tetrachloroethene	MG/KG	1.4	-	0.008 U	0.025 U	0.005 U	0.006 U	0.006 U
Toluene	MG/KG	1.5	-	0.48 D	5.6 D	0.39 DJ	0.006	0.028
Trichlorofluoromethane	MG/KG	-	-	0.008 U	0.025 U	0.005 U	0.006 U	0.006 U
Xylene (total)	MG/KG	1.2	-	3.7 D	66 D	13 D	0.010 J	0.038
Total BTEX	MG/KG	-	-	4.839	78.44	14.184	0.028	0.11
Total Volatile Organic Compounds	MG/KG	10	-	5.289	80.318	15.044	0.149	0.157
Semivolatile Organic Compounds								
1,1-Biphenyl	MG/KG	50	-	1.0 J	10	3.8	0.34 U	1.9 U
2,4-Dimethylphenol	MG/KG	50	-	4.1 U	3.9 U	3.5 U	0.34 U	1.9 U

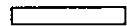
Criteria (1)- NYSDEC TAGM: Determination of Soil Cleanup Objectives and Cleanup Levels; HWR-94-4046 January 24, 1994 (Revised).

Criteria (2)- Eastern USA Background MG/KG from NYSDEC TAGM: HWR-94-4046 January 24, 1994 (Revised).

Flags assigned during chemistry validation are shown.



Concentration Exceeds Criteria (1)



Concentration Exceeds Criteria (2)

J - The reported concentration is an estimated value. U - Not detected above the reported quantitation limit.

D - Result reported from a secondary dilution analysis.

E - The actual sample concentration exceeds the reported concentration, but could not be accurately determined during analysis (used for natural oxidant demand only).

NA - Not Analyzed

Only Detected Results Reported.

Detection Limits shown are PQL

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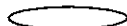
TABLE 4-3
SUMMARY OF DETECTED RI SUBSURFACE SOIL ANALYTICAL RESULTS
NYSEG - FORMER TRANSIT STREET MGP SITE
LOCKPORT, NEW YORK

Location ID				GB-04	GB-05	GB-05	GB-06	GB-06
Sample ID				GB-04 (5.2-7.2)	GB-05 (6-8)	GB-05 (9-10)	GB-06 (7-8)	DUP-03
Matrix				Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)				5.2-7.2	6.0-8.0	9.0-10.0	7.0-8.0	8.5-10.5
Date Sampled				05/26/05	05/26/05	05/26/05	05/26/05	05/26/05
Parameter	Units	Criteria (1)	Criteria (2)					Field Duplicate (1-1)
Semivolatile Organic Compounds								
2-Chloronaphthalene	MG/KG	50	-	4.1 U	3.9 U	3.5 U	0.34 U	1.9 U
2-Methylnaphthalene	MG/KG	36.4	-	9.3	81 D	37	0.027 J	1.9 U
4-Chloroaniline	MG/KG	0.22 or MDL	-	4.1 U	3.9 U	3.5 U	0.34 U	1.9 U
4-Methylphenol (p-cresol)	MG/KG	0.9	-	4.1 U	3.9 U	3.5 U	0.34 U	1.9 U
Acenaphthene	MG/KG	50	-	4.4	10	3.4 J	0.34 U	1.9 U
Acenaphthylene	MG/KG	41	-	5.6	42	10	0.34 U	1.9 U
Anthracene	MG/KG	50	-	9.2	34	13	0.021 J	1.9 U
Benzo(a)anthracene	MG/KG	0.224 or MDL	-	6.4	24	7.9	0.057 J	1.9 U
Benzo(a)pyrene	MG/KG	0.061 or MDL	-	4.8	17	5.5	0.050 J	1.9 U
Benzo(b)fluoranthene	MG/KG	1.1	-	4.8	18	8.3	0.072 J	1.9 U
Benzo(g,h,i)perylene	MG/KG	50	-	2.1 J	7.4	2.3 J	0.028 J	1.9 U
Benzo(k)fluoranthene	MG/KG	1.1	-	2.3 J	6.2	8.7	0.075 J	1.9 U
bis(2-Ethylhexyl)phthalate	MG/KG	50	-	4.1 U	3.9 U	3.5 U	0.34 U	1.9 U
Butylbenzylphthalate	MG/KG	50	-	4.1 U	3.9 U	3.5 U	0.34 U	1.9 U
Carbazole	MG/KG	50	-	1.7 J	9.2	3.2 J	0.34 U	1.9 U
Chrysene	MG/KG	0.4	-	5.0	19	6.6	0.050 J	1.9 U
Dibenz(a,h)anthracene	MG/KG	0.014 or MDL	-	0.80 J	2.6 J	0.89 J	0.34 U	1.9 U
Dibenzofuran	MG/KG	6.2	-	7.5	30	10	0.34 U	1.9 U
Fluoranthene	MG/KG	50	-	16	62	20	0.080 J	1.9 U
Fluorene	MG/KG	50	-	11	42	16	0.34 U	1.9 U

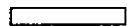
Criteria (1)- NYSDEC TAGM: Determination of Soil Cleanup Objectives and Cleanup Levels; HWR-94-4046 January 24, 1994 (Revised).

Criteria (2)- Eastern USA Background Concentrations from NYSDEC TAGM: HWR-94-4046 January 24, 1994 (Revised).

Flags assigned during chemistry validation are shown.



Concentration Exceeds Criteria (1)



Concentration Exceeds Criteria (2)

J - The reported concentration is an estimated value. U - Not detected above the reported quantitation limit.

D - Result reported from a secondary dilution analysis.

E - The actual sample concentration exceeds the reported concentration, but could not be accurately determined during analysis (used for natural oxidant demand only).

NA - Not Analyzed

Only Detected Results Reported.

Detection Limits shown are PQL

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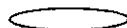
TABLE 4-3
SUMMARY OF DETECTED RI SUBSURFACE SOIL ANALYTICAL RESULTS
NYSEG - FORMER TRANSIT STREET MGP SITE
LOCKPORT, NEW YORK

Location ID				GB-04	GB-05	GB-05	GB-06	GB-06
Sample ID				GB-04 (5.2-7.2)	GB-05 (6-8)	GB-05 (9-10)	GB-06 (7-8)	DUP-03
Matrix				Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)				5.2-7.2	6.0-8.0	9.0-10.0	7.0-8.0	8.5-10.5
Date Sampled				05/26/05	05/26/05	05/26/05	05/26/05	05/26/05
Parameter	Units	Criteria (1)	Criteria (2)					Field Duplicate (1-1)
Semivolatile Organic Compounds								
Indeno(1,2,3-cd)pyrene	MG/KG	3.2	-	2.0 J	7.4	2.1 J	0.026 J	1.9 U
Naphthalene	MG/KG	13	-	34	310 D	120 D	0.27 J	0.41 J
Phenanthrene	MG/KG	50	-	27	97 D	35	0.080 J	1.9 U
Pyrene	MG/KG	50	-	11	48	14	0.076 J	1.9 U
Total Carcinogenic PAHs	MG/KG	-	-	26.1	94.2	39.99	0.33	ND
Total Non-Carcinogenic PAHs	MG/KG	-	-	129.6	733.4	270.7	0.582	0.41
Total Polycyclic Aromatic Hydrocarbons	MG/KG	-	-	155.7	827.6	310.69	0.912	0.41
Total Semivolatile Organic Compounds	MG/KG	500	-	165.9	876.8	327.69	0.912	0.41
Polychlorinated Biphenyls								
Aroclor 1248	MG/KG	10	-	0.021 U	0.019 U	0.018 U	0.017 U	0.019 U
Aroclor 1254	MG/KG	10	-	0.021 U	0.019 U	0.018 U	0.017 U	0.019 U
Total Polychlorinated Biphenyls	MG/KG	10	-	ND	ND	ND	ND	ND
Metals								
Aluminum	MG/KG	SB	33000	2,300 J	4,150 J	2,130 J	3,600 J	2,690 J
Arsenic	MG/KG	7.5	3-12	3.0	2.8	3.2	2.0 U	2.1 U
Barium	MG/KG	300	15-600	69.6 J	69.8 J	23.4 J	42.6 J	33.2 J
Beryllium	MG/KG	0.16	0-1.75	0.23 UJ	0.26 J	0.24 UJ	0.24 J	0.21 UJ
Cadmium	MG/KG	1	0.1-1	0.23 UJ	0.22 UJ	0.24 UJ	0.20 UJ	0.21 UJ
Calcium	MG/KG	SB	130-35000	27,500	38,400	52,200	40,100	31,300
Chromium	MG/KG	10	1.5-40	3.3 J	6.3 J	3.1 J	4.8 J	4.1 J

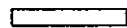
Criteria (1)- NYSDEC TAGM: Determination of Soil Cleanup Objectives and Cleanup Levels; HWR-94-4046 January 24, 1994 (Revised).

Criteria (2)- Eastern USA Background Concentrations from NYSDEC TAGM: HWR-94-4046 January 24, 1994 (Revised).

Flags assigned during chemistry validation are shown.



Concentration Exceeds Criteria (1)



Concentration Exceeds Criteria (2)

J - The reported concentration is an estimated value. U - Not detected above the reported quantitation limit.

D - Result reported from a secondary dilution analysis.

E - The actual sample concentration exceeds the reported concentration, but could not be accurately determined during analysis (used for natural oxidant demand only).

NA - Not Analyzed

Only Detected Results Reported.

Detection Limits shown are PQL

Advanced Selection: Transit RI SB
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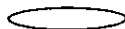
TABLE 4-3
SUMMARY OF DETECTED RI SUBSURFACE SOIL ANALYTICAL RESULTS
NYSEG - FORMER TRANSIT STREET MGP SITE
LOCKPORT, NEW YORK

Location ID				GB-04	GB-05	GB-05	GB-06	GB-06
Sample ID				GB-04 (5.2-7.2)	GB-05 (6-8)	GB-05 (9-10)	GB-06 (7-8)	DUP-03
Matrix				Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)				5.2-7.2	6.0-8.0	9.0-10.0	7.0-8.0	8.5-10.5
Date Sampled				05/26/05	05/26/05	05/26/05	05/26/05	05/26/05
Parameter	Units	Criteria (1)	Criteria (2)					Field Duplicate (1-1)
Metals								
Cobalt	MG/KG	30	2.5-60	2.3 J	4.0 J	2.5 J	3.7 J	2.5 J
Copper	MG/KG	25	1-50	7.1 J	9.6 J	15.8 J	7.7 J	6.8 J
Iron	MG/KG	2000	2000-550000	6,300 J	8,460 J	5,090 J	8,190 J	5,820 J
Lead	MG/KG	SB	500	22.4 J	3.3 J	20.6 J	6.2 J	16.0 J
Magnesium	MG/KG	SB	100-5000	4,240 J	5,730 J	6,390 J	5,970 J	3,940 J
Manganese	MG/KG	SB	50-5000	441 J	418 J	517 J	215 J	276 J
Mercury	MG/KG	0.1	0.001-0.2	0.130	0.044	0.020 U	0.035	0.022
Nickel	MG/KG	13	0.5-25	4.3 J	8.3 J	4.4 J	6.7 J	5.1 J
Potassium	MG/KG	SB	8500-43000	452 J	875 J	554 J	553 J	453 J
Sodium	MG/KG	SB	6000-8000	164 UJ	153 UJ	165 UJ	228 J	223 J
Vanadium	MG/KG	150	1-300	6.3 J	8.2 J	5.0 J	8.9 J	5.2 J
Zinc	MG/KG	20	9-50	16.6 J	24.1 J	14.0 J	20.1 J	13.3 J
Miscellaneous Parameters								
Total Cyanide	MG/KG	-	-	3.1 J	4.7	1.0 U	1.2 U	1.2 U
Phenolics, Total Recoverable	MG/KG	-	-	6.0 U	6.2 U	5.6 U	5.1 U	5.6 U
Total Organic Carbon (TOC)	MG/KG	-	-	NA	NA	NA	NA	NA
Total Cyanide (Secondary Lab)	MG/KG	-	-	79.7	77.4	NA	NA	NA
Free Cyanide	MG/KG	-	-	0.10	0.29	NA	NA	NA
Ferric/Ferrous Iron Cyanide Complex	MG/KG	-	-	65.1	42.1	NA	NA	NA
Unknown Iron Cyanide Complex	MG/KG	-	-	0.51	0.22	NA	NA	NA

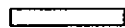
Criteria (1)- NYSDEC TAGM: Determination of Soil Cleanup Objectives and Cleanup Levels; HWR-94-4046 January 24, 1994 (Revised).

Criteria (2)- Eastern USA Background Concentrations from NYSDEC TAGM: HWR-94-4046 January 24, 1994 (Revised).

Flags assigned during chemistry validation are shown.



Concentration Exceeds Criteria (1)



Concentration Exceeds Criteria (2)

J - The reported concentration is an estimated value. U - Not detected above the reported quantitation limit.

D - Result reported from a secondary dilution analysis.

E - The actual sample concentration exceeds the reported concentration, but could not be accurately determined during analysis (used for natural oxidant demand only).

NA - Not Analyzed

Only Detected Results Reported.

Detection Limits shown are PQL

Advanced Selection: Trans R1 SBI
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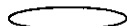
TABLE 4-3
SUMMARY OF DETECTED RI SUBSURFACE SOIL ANALYTICAL RESULTS
NYSEG - FORMER TRANSIT STREET MGP SITE
LOCKPORT, NEW YORK

Location ID				GB-04	GB-05	GB-05	GB-06	GB-06
Sample ID				GB-04 (5.2-7.2)	GB-05 (6-8)	GB-05 (9-10)	GB-06 (7-8)	DUP-03
Matrix				Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)				5.2-7.2	6.0-8.0	9.0-10.0	7.0-8.0	8.5-10.5
Date Sampled				05/26/05	05/26/05	05/26/05	05/26/05	05/26/05
Parameter	Units	Criteria (1)	Criteria (2)					Field Duplicate (1-1)
Miscellaneous Parameters								
Natural Oxidant Demand (Low Dose)	G/KG	-	-	NA	NA	NA	NA	NA
Natural Oxidant Demand (Medium Dose)	G/KG	-	-	NA	NA	NA	NA	NA
Natural Oxidant Demand (High Dose)	G/KG	-	-	NA	NA	NA	NA	NA

Criteria (1)- NYSDEC TAGM: Determination of Soil Cleanup Objectives and Cleanup Levels; HWR-94-4046 January 24, 1994 (Revised).

Criteria (2)- Eastern USA Background Concentrations from NYSDEC TAGM: HWR-94-4046 January 24, 1994 (Revised).

Flags assigned during chemistry validation are shown.



Concentration Exceeds Criteria (1)



Concentration Exceeds Criteria (2)

J - The reported concentration is an estimated value. U - Not detected above the reported quantitation limit.

D - Result reported from a secondary dilution analysis.

E - The actual sample concentration exceeds the reported concentration, but could not be accurately determined during analysis (used for natural oxidant demand only).

NA - Not Analyzed

Only Detected Results Reported.

Detection Limits shown are PQL

Advanced Selection: Transit RI SBI
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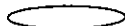
TABLE 4-3
SUMMARY OF DETECTED RI SUBSURFACE SOIL ANALYTICAL RESULTS
NYSEG - FORMER TRANSIT STREET MGP SITE
LOCKPORT, NEW YORK

Location ID				GB-06	GB-07	GB-07	GB-08	GB-08
Sample ID				GB-06 (8.5-10.5)	GB-07 (5.5-6.5)	GB-07 (12.5-13.5)	GB-08 (12-14)	GB-08 (15-16)
Matrix				Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)				8.5-10.5	5.5-6.5	12.5-13.5	12.0-14.0	15.0-16.0
Date Sampled				05/26/05	05/26/05	05/26/05	05/26/05	05/26/05
Parameter	Units	Criteria (1)	Criteria (2)					
Volatile Organic Compounds								
1,2-Dichloroethene (cis)	MG/KG	-	-	0.006 U	0.037 U	0.005 U	0.006 U	0.006 U
Acetone	MG/KG	0.2	-	0.035	0.74	0.027 U	0.030 U	0.032 U
Benzene	MG/KG	0.06	-	0.006 U	0.13	0.20	0.004 J	0.006 U
Carbon disulfide	MG/KG	2.7	-	0.006 U	0.022 J	0.004 J	0.007	0.006 U
Cyclohexane	MG/KG	-	-	0.006 U	0.037 U	0.005 U	0.006 U	0.006 U
Dichlorodifluoromethane	MG/KG	-	-	0.006 U	0.037 U	0.005 U	0.006 U	0.006 U
Ethylbenzene	MG/KG	5.5	-	0.003 J	1.3	13 D	0.004 J	0.006 U
Isopropylbenzene (Cumene)	MG/KG	2.3	-	0.006 U	0.20	1.2 D	0.002 J	0.006 U
Methyl ethyl ketone (2-Butanone)	MG/KG	0.3	-	0.030 U	0.15 J	0.027 U	0.030 U	0.032 U
Methylcyclohexane	MG/KG	-	-	0.006 U	0.037 U	0.005 U	0.006 U	0.006 U
Styrene	MG/KG	-	-	0.006 U	0.037 U	0.005 U	0.006 U	0.006 U
Tetrachloroethene	MG/KG	1.4	-	0.006 U	0.037 U	0.005 U	0.006 U	0.006 U
Toluene	MG/KG	1.5	-	0.002 J	0.044	1.0 D	0.006 U	0.006 U
Trichlorofluoromethane	MG/KG	-	-	0.006 U	0.037 U	0.005 U	0.006 U	0.006 U
Xylene (total)	MG/KG	1.2	-	0.008 J	0.85	10 D	0.018 U	0.019 U
Total BTEX	MG/KG	-	-	0.013	2.324	24.2	0.008	ND
Total Volatile Organic Compounds	MG/KG	10	-	0.048	3.436	25.404	0.017	ND
Semivolatile Organic Compounds								
1,1-Biphenyl	MG/KG	50	-	2.0 U	7.1	0.79 J	0.43 U	0.37 U
2,4-Dimethylphenol	MG/KG	50	-	2.0 U	1.9 U	1.8 U	0.43 U	0.37 U

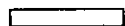
Criteria (1)- NYSDEC TAGM: Determination of Soil Cleanup Objectives and Cleanup Levels; HWR-94-4046 January 24, 1994 (Revised).

Criteria (2)- Eastern USA Background Concentrations from NYSDEC TAGM: HWR-94-4046 January 24, 1994 (Revised).

Flags assigned during chemistry validation are shown.



Concentration Exceeds Criteria (1)



Concentration Exceeds Criteria (2)

J - The reported concentration is an estimated value. U - Not detected above the reported quantitation limit.

D - Result reported from a secondary dilution analysis.

E - The actual sample concentration exceeds the reported concentration, but could not be accurately determined during analysis (used for natural oxidant demand only).

NA - Not Analyzed

Only Detected Results Reported.

Detection Limits shown are PQL

Advanced Selection: Transit RI SBI
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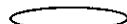
TABLE 4-3
SUMMARY OF DETECTED RI SUBSURFACE SOIL ANALYTICAL RESULTS
NYSEG - FORMER TRANSIT STREET MGP SITE
LOCKPORT, NEW YORK

Location ID				GB-06	GB-07	GB-07	GB-08	GB-08
Sample ID				GB-06 (8.5-10.5)	GB-07 (5.5-6.5)	GB-07 (12.5-13.5)	GB-08 (12-14)	GB-08 (15-16)
Matrix				Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)				8.5-10.5	5.5-6.5	12.5-13.5	12.0-14.0	15.0-16.0
Date Sampled				05/26/05	05/26/05	05/26/05	05/26/05	05/26/05
Parameter	Units	Criteria (1)	Criteria (2)					
Semivolatile Organic Compounds								
2-Chloronaphthalene	MG/KG	50	-	2.0 U	1.9 U	1.8 U	0.43 U	0.37 U
2-Methylnaphthalene	MG/KG	36.4	-	2.0 U	36 D	6.2	0.041 J	0.37 U
4-Chloroaniline	MG/KG	0.22 or MDL	-	2.0 U	1.9 U	1.8 U	0.43 U	0.37 U
4-Methylphenol (p-cresol)	MG/KG	0.9	-	2.0 U	1.9 U	1.8 U	0.43 U	0.37 U
Acenaphthene	MG/KG	50	-	2.0 U	34 D	0.88 J	0.029 J	0.039 J
Acenaphthylene	MG/KG	41	-	2.0 U	5.0	4.1	0.10 J	0.12 J
Anthracene	MG/KG	50	-	2.0 U	16	2.0	0.28 J	0.34 J
Benzo(a)anthracene	MG/KG	0.224 or MDL	-	2.0 U	8.0	1.4 J	0.19 J	0.18 J
Benzo(a)pyrene	MG/KG	0.061 or MDL	-	2.0 U	5.6	1.0 J	0.20 J	0.13 J
Benzo(b)fluoranthene	MG/KG	1.1	-	2.0 U	4.5	0.82 J	0.14 J	0.13 J
Benzo(g,h,i)perylene	MG/KG	50	-	2.0 U	1.2 J	0.43 J	0.11 J	0.050 J
Benzo(k)fluoranthene	MG/KG	1.1	-	2.0 U	1.4 J	0.20 J	0.061 J	0.13 J
bis(2-Ethylhexyl)phthalate	MG/KG	50	-	2.0 U	1.9 U	1.8 U	0.43 U	0.37 U
Butylbenzylphthalate	MG/KG	50	-	2.0 U	1.9 U	1.8 U	0.43 U	0.37 U
Carbazole	MG/KG	50	-	2.0 U	1.9 U	1.8 U	0.43 U	0.37 U
Chrysene	MG/KG	0.4	-	2.0 U	6.5	1.1 J	0.16 J	0.14 J
Dibenz(a,h)anthracene	MG/KG	0.014 or MDL	-	2.0 U	0.80 J	1.8 U	0.43 U	0.37 U
Dibenzofuran	MG/KG	6.2	-	2.0 U	1.6 J	0.27 J	0.43 U	0.022 J
Fluoranthene	MG/KG	50	-	2.0 U	16	2.5	0.31 J	0.33 J
Fluorene	MG/KG	50	-	2.0 U	19	2.3	0.43 U	0.18 J

Criteria (1)- NYSDEC TAGM: Determination of Soil Cleanup Objectives and Cleanup Levels; HWR-94-4046 January 24, 1994 (Revised).

Criteria (2)- Eastern USA Background Concentrations from NYSDEC TAGM; HWR-94-4046 January 24, 1994 (Revised).

Flags assigned during chemistry validation are shown.



Concentration Exceeds Criteria (1)



Concentration Exceeds Criteria (2)

J - The reported concentration is an estimated value. U - Not detected above the reported quantitation limit.

D - Result reported from a secondary dilution analysis.

E - The actual sample concentration exceeds the reported concentration, but could not be accurately determined during analysis (used for natural oxidant demand only).

NA - Not Analyzed

Only Detected Results Reported.

Detection Limits shown are PQL

Advanced Selection: Transit RI SB:
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TABLE 4-3
SUMMARY OF DETECTED RI SUBSURFACE SOIL ANALYTICAL RESULTS
NYSEG - FORMER TRANSIT STREET MGP SITE
LOCKPORT, NEW YORK

Location ID				GB-06	GB-07	GB-07	GB-08	GB-08
Sample ID				GB-06 (8.5-10.5)	GB-07 (5.5-6.5)	GB-07 (12.5-13.5)	GB-08 (12-14)	GB-08 (15-16)
Matrix				Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)				8.5-10.5	5.5-6.5	12.5-13.5	12.0-14.0	15.0-16.0
Date Sampled				05/26/05	05/26/05	05/26/05	05/26/05	05/26/05
Parameter	Units	Criteria (1)	Criteria (2)					
Semivolatile Organic Compounds								
Indeno(1,2,3-cd)pyrene	MG/KG	3.2	-	2.0 U	1.7 J	0.33 J	0.10 J	0.040 J
Naphthalene	MG/KG	13	-	0.33 J	19	11	0.43 U	0.37 U
Phenanthrene	MG/KG	50	-	2.0 U	56 D	6.6	0.69	1.0
Pyrene	MG/KG	50	-	2.0 U	21	3.1	0.43	0.47
Total Carcinogenic PAHs	MG/KG	-	-	ND	28.5	4.85	0.851	0.75
Total Non-Carcinogenic PAHs	MG/KG	-	-	0.33	223.2	39.11	1.99	2.529
Total Polycyclic Aromatic Hydrocarbons	MG/KG	-	-	0.33	251.7	43.96	2.841	3.279
Total Semivolatile Organic Compounds	MG/KG	500	-	0.33	260.4	45.02	2.841	3.301
Polychlorinated Biphenyls								
Aroclor 1248	MG/KG	10	-	0.020 U	0.019 U	0.018 U	0.021 U	0.019 U
Aroclor 1254	MG/KG	10	-	0.020 U	0.019 U	0.018 U	0.021 U	0.019 U
Total Polychlorinated Biphenyls	MG/KG	10	-	ND	ND	ND	ND	ND
Metals								
Aluminum	MG/KG	SB	33000	3,010 J	3,660 J	2,610 J	4,460 J	3,390 J
Arsenic	MG/KG	7.5	3-12	2.4 U	2.5 U	2.4 U	2.9 U	2.5 U
Barium	MG/KG	300	15-600	29.0 J	48.6 J	16.3 J	69.7 J	84.6 J
Beryllium	MG/KG	0.16	0-1.75	0.27 J	0.27 J	0.24 UJ	0.33 J	0.25 UJ
Cadmium	MG/KG	1	0.1-1	0.24 UJ	0.25 UJ	0.24 UJ	0.29 UJ	0.25 UJ
Calcium	MG/KG	SB	130-35000	88,000	50,500	41,000	26,500	27,400
Chromium	MG/KG	10	1.5-40	4.6 J	6.0 J	4.0 J	7.3 J	4.7 J

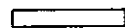
Criteria (1)- NYSDEC TAGM: Determination of Soil Cleanup Objectives and Cleanup Levels; HWR-94-4046 January 24, 1994 (Revised).

Criteria (2)- Eastern USA Background Concentrations from NYSDEC TAGM: HWR-94-4046 January 24, 1994 (Revised).

Flags assigned during chemistry validation are shown.



Concentration Exceeds Criteria (1)



Concentration Exceeds Criteria (2)

J - The reported concentration is an estimated value. U - Not detected above the reported quantitation limit.

D - Result reported from a secondary dilution analysis.

E - The actual sample concentration exceeds the reported concentration, but could not be accurately determined during analysis (used for natural oxidant demand only).

NA - Not Analyzed

Only Detected Results Reported.

Detection Limits shown are PQL

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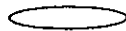
TABLE 4-3
SUMMARY OF DETECTED RI SUBSURFACE SOIL ANALYTICAL RESULTS
NYSEG - FORMER TRANSIT STREET MGP SITE
LOCKPORT, NEW YORK

Location ID				GB-06	GB-07	GB-07	GB-08	GB-08
Sample ID				GB-06 (8.5-10.5)	GB-07 (5.5-6.5)	GB-07 (12.5-13.5)	GB-08 (12-14)	GB-08 (15-16)
Matrix				Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)				8.5-10.5	5.5-6.5	12.5-13.5	12.0-14.0	15.0-16.0
Date Sampled				05/26/05	05/26/05	05/26/05	05/26/05	05/26/05
Parameter	Units	Criteria (1)	Criteria (2)					
Metals								
Cobalt	MG/KG	30	2.5-60	3.0 J	2.9 J	2.5 J	4.1 J	3.3 J
Copper	MG/KG	25	1-50	6.3 J	21.9 J	5.7 J	9.0 J	5.8 J
Iron	MG/KG	2000	2000-550000	6,280 J	7,200 J	5,070 J	8,730 J	6,790 J
Lead	MG/KG	SB	500	7.6 J	3.6 J	1.8 J	4.9 J	1.6 J
Magnesium	MG/KG	SB	100-5000	4,890 J	11,700 J	4,310 J	4,510 J	4,890 J
Manganese	MG/KG	SB	50-5000	935 J	276 J	440 J	288 J	348 J
Mercury	MG/KG	0.1	0.001-0.2	0.028	0.026	0.017 U	0.018 U	0.016 U
Nickel	MG/KG	13	0.5-25	6.3 J	6.4 J	5.2 J	8.7 J	7.0 J
Potassium	MG/KG	SB	8500-43000	766 J	725 J	800 J	888 J	745 J
Sodium	MG/KG	SB	6000-8000	178 J	177 UJ	167 UJ	200 UJ	178 UJ
Vanadium	MG/KG	150	1-300	6.2 J	8.5 J	5.3 J	10.4 J	7.5 J
Zinc	MG/KG	20	9-50	15.1 J	14.4 J	10.7 J	20.1 J	14.5 J
Miscellaneous Parameters								
Total Cyanide	MG/KG	-	-	1.1 U	2.1 U	2.2	1.4 U	1.2 U
Phenolics, Total Recoverable	MG/KG	-	-	6.6 U	5.7 U	5.1 U	6.6 U	5.8 U
Total Organic Carbon (TOC)	MG/KG	-	-	NA	NA	NA	NA	NA
Total Cyanide (Secondary Lab)	MG/KG	-	-	NA	NA	0.10	0.10	NA
Free Cyanide	MG/KG	-	-	NA	NA	0.03 U	0.03 U	NA
Ferric/Ferrous Iron Cyanide Complex	MG/KG	-	-	NA	NA	0.01	0.02	NA
Unknown Iron Cyanide Complex	MG/KG	-	-	NA	NA	0 U	0.01	NA

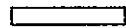
Criteria (1)- NYSDEC TAGM: Determination of Soil Cleanup Objectives and Cleanup Levels; HWR-94-4046 January 24, 1994 (Revised).

Criteria (2)- Eastern USA Background Concentrations from NYSDEC TAGM: HWR-94-4046 January 24, 1994 (Revised).

Flags assigned during chemistry validation are shown.



Concentration Exceeds Criteria (1)



Concentration Exceeds Criteria (2)

J - The reported concentration is an estimated value. U - Not detected above the reported quantitation limit.

D - Result reported from a secondary dilution analysis.

E - The actual sample concentration exceeds the reported concentration, but could not be accurately determined during analysis (used for natural oxidant demand only).

NA - Not Analyzed

Only Detected Results Reported.

Detection Limits shown are PQL

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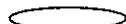
TABLE 4-3
SUMMARY OF DETECTED RI SUBSURFACE SOIL ANALYTICAL RESULTS
NYSEG - FORMER TRANSIT STREET MGP SITE
LOCKPORT, NEW YORK

Location ID				GB-06	GB-07	GB-07	GB-08	GB-08
Sample ID				GB-06 (8.5-10.5)	GB-07 (5.5-6.5)	GB-07 (12.5-13.5)	GB-08 (12-14)	GB-08 (15-16)
Matrix				Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)				8.5-10.5	5.5-6.5	12.5-13.5	12.0-14.0	15.0-16.0
Date Sampled				05/26/05	05/26/05	05/26/05	05/26/05	05/26/05
Parameter	Units	Criteria (1)	Criteria (2)					
Miscellaneous Parameters								
Natural Oxidant Demand (Low Dose)	G/KG	-	-	NA	NA	NA	NA	NA
Natural Oxidant Demand (Medium Dose)	G/KG	-	-	NA	NA	NA	NA	NA
Natural Oxidant Demand (High Dose)	G/KG	-	-	NA	NA	NA	NA	NA

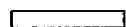
Criteria (1)- NYSDEC TAGM: Determination of Soil Cleanup Objectives and Cleanup Levels; HWR-94-4046 January 24, 1994 (Revised).

Criteria (2)- Eastern USA Background Concentrations from NYSDEC TAGM: HWR-94-4046 January 24, 1994 (Revised).

Flags assigned during chemistry validation are shown.



Concentration Exceeds Criteria (1)



Concentration Exceeds Criteria (2)

J - The reported concentration is an estimated value. U - Not detected above the reported quantitation limit.

D - Result reported from a secondary dilution analysis.

E - The actual sample concentration exceeds the reported concentration, but could not be accurately determined during analysis (used for natural oxidant demand only).

NA - Not Analyzed

Only Detected Results Reported.

Detection Limits shown are PQL

Advanced Selection: Transit RI SBs
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Printed: 8/16/2008 8:09:52 AM
[SITEID] = '01' AND ([SACODE] = 'Y' OR [SACODE] = 'FD') AND ([MATRIX] = 'SO' AND [LOCID] LIKE 'GB-*' AND [LOGDATE] >= #2/1/200

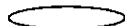
TABLE 4-3
SUMMARY OF DETECTED RI SUBSURFACE SOIL ANALYTICAL RESULTS
NYSEG - FORMER TRANSIT STREET MGP SITE
LOCKPORT, NEW YORK

Location ID				GB-09	GB-09	GB-10	GB-10	GB-10
Sample ID				GB-09 (10-12)	GB-09 (12-13.8)	GB-10 (6-6.2)	GB-10 (9.5-10.5)	GB-10 (12.6-13.6)
Matrix				Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)				10.0-12.0	12.0-13.8	6.0-6.2	9.5-10.5	12.6-13.6
Date Sampled				06/01/05	06/01/05	05/26/05	05/26/05	05/26/05
Parameter	Units	Criteria (1)	Criteria (2)					
Volatile Organic Compounds								
1,2-Dichloroethene (cis)	MG/KG	-	-	1.1 U	0.69 U	NA	0.006 U	0.006 U
Acetone	MG/KG	0.2	-	5.6 U	3.4 U	NA	0.050	0.028 U
Benzene	MG/KG	0.06	-	2.3	0.55 J	NA	0.20	0.080
Carbon disulfide	MG/KG	2.7	-	1.1 U	0.69 U	NA	0.003 J	0.002 J
Cyclohexane	MG/KG	-	-	1.1 U	0.69 U	NA	0.002 J	0.002 J
Dichlorodifluoromethane	MG/KG	-	-	1.1 U	0.69 U	NA	0.006 U	0.006 U
Ethylbenzene	MG/KG	5.5	-	8.1	3.8	NA	0.30 D	0.38 D
Isopropylbenzene (Cumene)	MG/KG	2.3	-	0.70 J	0.36 J	NA	0.028	0.034 D
Methyl ethyl ketone (2-Butanone)	MG/KG	0.3	-	5.6 U	3.4 U	NA	0.011 J	0.028 U
Methylcyclohexane	MG/KG	-	-	1.1 U	0.69 U	NA	0.004 J	0.002 J
Styrene	MG/KG	-	-	8.4	5.1	NA	0.23	0.28 D
Tetrachloroethene	MG/KG	1.4	-	1.1 U	0.69 U	NA	0.006 U	0.006 U
Toluene	MG/KG	1.5	-	41 D	12	NA	0.36 D	0.52 D
Trichlorofluoromethane	MG/KG	-	-	1.1 U	0.69 U	NA	0.006 U	0.006 U
Xylene (total)	MG/KG	1.2	-	130 D	51 D	NA	2.4 D	3.0 D
Total BTEX	MG/KG	-	-	181.4	67.35	NA	3.26	3.98
Total Volatile Organic Compounds	MG/KG	10	-	190.5	72.81	NA	3.588	4.3
Semivolatile Organic Compounds								
1,1-Biphenyl	MG/KG	50	-	8.0	19	NA	2.0	0.49
2,4-Dimethylphenol	MG/KG	50	-	3.6 U	3.7 U	NA	0.043 J	0.36 U

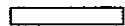
Criteria (1)- NYSDEC TAGM: Determination of Soil Cleanup Objectives and Cleanup Levels; HWR-94-4046 January 24, 1994 (Revised).

Criteria (2)- Eastern USA Background Concentrations from NYSDEC TAGM: HWR-94-4046 January 24, 1994 (Revised).

Flags assigned during chemistry validation are shown.



Concentration Exceeds Criteria (1)



Concentration Exceeds Criteria (2)

J - The reported concentration is an estimated value. U - Not detected above the reported quantitation limit.

D - Result reported from a secondary dilution analysis.

E - The actual sample concentration exceeds the reported concentration, but could not be accurately determined during analysis (used for natural oxidant demand only).

NA - Not Analyzed

Only Detected Results Reported.

Detection Limits shown are PQL

Advanced Selection: Transit RI SBI
 N:\1173467.0000\DDP\Program\EDMS.mdc
 Printed: 8/16/2005 8:09:53 AM
 [SITEID] = '01' AND ([SACODE] = 'N' OR [SACODE] = 'FD') AND [MATRIX] = 'SO' AND [LOCID] LIKE 'GB-*' AND [LOGDATE] >= #2/17/2005

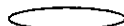
TABLE 4-3
SUMMARY OF DETECTED RI SUBSURFACE SOIL ANALYTICAL RESULTS
NYSEG - FORMER TRANSIT STREET MGP SITE
LOCKPORT, NEW YORK

Location ID				GB-09	GB-09	GB-10	GB-10	GB-10
Sample ID				GB-09 (10-12)	GB-09 (12-13.8)	GB-10 (6-6.2)	GB-10 (9.5-10.5)	GB-10 (12.6-13.6)
Matrix				Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)				10.0-12.0	12.0-13.8	6.0-6.2	9.5-10.5	12.6-13.6
Date Sampled				06/01/05	06/01/05	05/26/05	05/26/05	05/26/05
Parameter	Units	Criteria (1)	Criteria (2)					
Semivolatile Organic Compounds								
2-Chloronaphthalene	MG/KG	50	-	0.67 J	3.7 U	NA	0.43 U	0.36 U
2-Methylnaphthalene	MG/KG	36.4	-	62 DJ	180 DJ	NA	17 D	3.4
4-Chloroaniline	MG/KG	0.22 or MDL	-	3.6 U	3.7 U	NA	0.43 U	0.36 U
4-Methylphenol (p-cresol)	MG/KG	0.9	-	0.19 J	3.7 U	NA	0.43 U	0.36 U
Acenaphthene	MG/KG	50	-	6.9	17	NA	2.1	0.49
Acenaphthylene	MG/KG	41	-	30	76 DJ	NA	6.1	1.6
Anthracene	MG/KG	50	-	23	51 DJ	NA	5.9	1.4
Benzo(a)anthracene	MG/KG	0.224 or MDL	-	15	40	NA	5.5	1.3
Benzo(a)pyrene	MG/KG	0.061 or MDL	-	11	31	NA	3.8	0.93
Benzo(b)fluoranthene	MG/KG	1.1	-	11	32	NA	4.1	1.0
Benzo(g,h,i)perylene	MG/KG	50	-	5.9	15	NA	1.3	0.42
Benzo(k)fluoranthene	MG/KG	1.1	-	3.8	9.3	NA	1.3	0.36
bis(2-Ethylhexyl)phthalate	MG/KG	50	-	3.6 U	3.7 U	NA	0.20 J	0.072 J
Butylbenzylphthalate	MG/KG	50	-	0.38 J	3.7 U	NA	0.43 U	0.36 U
Carbazole	MG/KG	50	-	7.3	19	NA	1.8	0.52
Chrysene	MG/KG	0.4	-	13	32	NA	4.3	1.0
Dibenz(a,h)anthracene	MG/KG	0.014 or MDL	-	1.9 J	4.7	NA	0.57	0.15 J
Dibenzofuran	MG/KG	6.2	-	20	49	NA	6.1	1.5
Fluoranthene	MG/KG	50	-	45	100 DJ	NA	14 D	3.1
Fluorene	MG/KG	50	-	26	59 DJ	NA	10 D	2.3

Criteria (1)- NYSDEC TAGM: Determination of Soil Cleanup Objectives and Cleanup Levels; HWR-94-4046 January 24, 1994 (Revised).

Criteria (2)- Eastern USA Background Concentrations from NYSDEC TAGM: HWR-94-4046 January 24, 1994 (Revised).

Flags assigned during chemistry validation are shown.



Concentration Exceeds Criteria (1)



Concentration Exceeds Criteria (2)

J - The reported concentration is an estimated value. U - Not detected above the reported quantitation limit.

D - Result reported from a secondary dilution analysis.

E - The actual sample concentration exceeds the reported concentration, but could not be accurately determined during analysis (used for natural oxidant demand only).

NA - Not Analyzed

Only Detected Results Reported.

Detection Limits shown are PQL

Advanced Selection: Transit RI SB:
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 Printed: 8/16/2006 8:05:54 AM
 [SITEID] = '01' AND ([SACODE] = 'F' OR [SACODE] = 'FD') AND [MATRIX] = 'SO' AND ([LOCID] LIKE 'GB-*' AND [LOGDATE] >= 4/2/17/2006)

TABLE 4-3
SUMMARY OF DETECTED RI SUBSURFACE SOIL ANALYTICAL RESULTS
NYSEG - FORMER TRANSIT STREET MGP SITE
LOCKPORT, NEW YORK

Location ID				GB-09	GB-09	GB-10	GB-10	GB-10
Sample ID				GB-09 (10-12)	GB-09 (12-13.8)	GB-10 (6-6.2)	GB-10 (9.5-10.5)	GB-10 (12.6-13.6)
Matrix				Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)				10.0-12.0	12.0-13.8	6.0-6.2	9.5-10.5	12.6-13.6
Date Sampled				06/01/05	06/01/05	05/26/05	05/26/05	05/26/05
Parameter	Units	Criteria (1)	Criteria (2)					
Semivolatile Organic Compounds								
Indeno(1,2,3-cd)pyrene	MG/KG	3.2	-	5.8	15	NA	1.4	0.39
Naphthalene	MG/KG	13	-	270 D	840 D	NA	43 D	8.6 D
Phenanthrene	MG/KG	50	-	65 DJ	180 DJ	NA	25 D	5.6
Pyrene	MG/KG	50	-	25	77 DJ	NA	11 D	2.5
Total Carcinogenic PAHs	MG/KG	-	-	61.5	164	NA	20.97	5.13
Total Non-Carcinogenic PAHs	MG/KG	-	-	558.8	1,595	NA	135.4	29.41
Total Polycyclic Aromatic Hydrocarbons	MG/KG	-	-	620.3	1,759	NA	156.37	34.54
Total Semivolatile Organic Compounds	MG/KG	500	-	656.84	1,846	NA	166.513	37.122
Polychlorinated Biphenyls								
Aroclor 1248	MG/KG	10	-	0.018 U	0.018 U	NA	0.022 U	0.018 U
Aroclor 1254	MG/KG	10	-	0.018 U	0.018 U	NA	0.022 U	0.018 U
Total Polychlorinated Biphenyls	MG/KG	10	-	ND	ND	NA	ND	ND
Metals								
Aluminum	MG/KG	SB	33000	3,120 J	2,310 J	NA	8,110 J	2,390 J
Arsenic	MG/KG	7.5	3-12	4.6	2.6	NA	2.7 U	2.4 U
Barium	MG/KG	300	15-600	36.6	23.4	NA	325 J	15.7 J
Beryllium	MG/KG	0.16	0-1.75	0.22 U	0.21 U	NA	0.44 J	0.29 J
Cadmium	MG/KG	1	0.1-1	0.22 UJ	0.21 UJ	NA	0.27 UJ	0.24 UJ
Calcium	MG/KG	SB	130-35000	79,000	72,500	NA	12,200	95,000
Chromium	MG/KG	10	1.5-40	4.4 J	3.6 J	NA	12.3 J	3.7 J

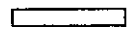
Criteria (1)- NYSDEC TAGM: Determination of Soil Cleanup Objectives and Cleanup Levels; HWR-94-4046 January 24, 1994 (Revised).

Criteria (2)- Eastern USA Background Concentrations from NYSDEC TAGM: HWR-94-4046 January 24, 1994 (Revised).

Flags assigned during chemistry validation are shown.



Concentration Exceeds Criteria (1)



Concentration Exceeds Criteria (2)

J - The reported concentration is an estimated value. U - Not detected above the reported quantitation limit.

D - Result reported from a secondary dilution analysis.

E - The actual sample concentration exceeds the reported concentration, but could not be accurately determined during analysis (used for natural oxidant demand only).

NA - Not Analyzed

Only Detected Results Reported.

Detection Limits shown are PQL

Advanced Selection: Trans R: SBI
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Printed: 8/18/2008 8:09:54 AM
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TABLE 4-3
SUMMARY OF DETECTED RI SUBSURFACE SOIL ANALYTICAL RESULTS
NYSEG - FORMER TRANSIT STREET MGP SITE
LOCKPORT, NEW YORK

Location ID				GB-09	GB-09	GB-10	GB-10	GB-10
Sample ID				GB-09 (10-12)	GB-09 (12-13.8)	GB-10 (6-6.2)	GB-10 (9.5-10.5)	GB-10 (12.6-13.6)
Matrix				Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)				10.0-12.0	12.0-13.8	6.0-6.2	9.5-10.5	12.6-13.6
Date Sampled				06/01/05	06/01/05	05/26/05	05/26/05	05/26/05
Parameter	Units	Criteria (1)	Criteria (2)					
Metals								
Cobalt	MG/KG	30	2.5-60	4.0 J	2.7 J	NA	3.6 J	2.3 J
Copper	MG/KG	25	1-50	18.7 J	16.2 J	NA	12.6 J	5.5 J
Iron	MG/KG	2000	2000-550000	7,610	6,120	NA	8,960 J	5,170 J
Lead	MG/KG	SB	500	3.9	3.5	NA	4.3 J	3.4 J
Magnesium	MG/KG	SB	100-5000	8,840	12,100	NA	3,340 J	16,500 J
Manganese	MG/KG	SB	50-5000	529	684	NA	206 J	466 J
Mercury	MG/KG	0.1	0.001-0.2	0.016 UJ	0.032 J	NA	0.103	0.016 U
Nickel	MG/KG	13	0.5-25	6.4 J	4.7 J	NA	8.4 J	4.7 J
Potassium	MG/KG	SB	8500-43000	671 J	556 J	NA	827 J	611 J
Sodium	MG/KG	SB	6000-8000	154 UJ	149 UJ	NA	186 UJ	165 UJ
Vanadium	MG/KG	150	1-300	6.9 J	6.5 J	NA	12.6 J	5.7 J
Zinc	MG/KG	20	9-50	20.8	14.9	NA	38.6 J	11.1 J
Miscellaneous Parameters								
Total Cyanide	MG/KG	-	-	7.9 J	0.83 UJ	34.4	1.3 U	4.9
Phenolics, Total Recoverable	MG/KG	-	-	4.9 U	5.2 U	NA	6.9 U	5.5 U
Total Organic Carbon (TOC)	MG/KG	-	-	28,300	NA	NA	NA	NA
Total Cyanide (Secondary Lab)	MG/KG	-	-	77.6	NA	300	NA	1.56
Free Cyanide	MG/KG	-	-	0.09	NA	0.76	NA	0.03 U
Ferric/Ferrous Iron Cyanide Complex	MG/KG	-	-	75.2	NA	188	NA	1.42
Unknown Iron Cyanide Complex	MG/KG	-	-	0.26	NA	5.52	NA	0 U

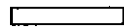
Criteria (1)- NYSDEC TAGM: Determination of Soil Cleanup Objectives and Cleanup Levels; HWR-94-4046 January 24, 1994 (Revised).

Criteria (2)- Eastern USA Background Concentrations from NYSDEC TAGM: HWR-94-4046 January 24, 1994 (Revised).

Flags assigned during chemistry validation are shown.



Concentration Exceeds Criteria (1)



Concentration Exceeds Criteria (2)

J - The reported concentration is an estimated value. U - Not detected above the reported quantitation limit.

D - Result reported from a secondary dilution analysis.

E - The actual sample concentration exceeds the reported concentration, but could not be accurately determined during analysis (used for natural oxidant demand only).

NA - Not Analyzed

Only Detected Results Reported.

Detection Limits shown are PQL

Advanced Selection: Transil RI SB4
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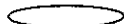
TABLE 4-3
SUMMARY OF DETECTED RI SUBSURFACE SOIL ANALYTICAL RESULTS
NYSEG - FORMER TRANSIT STREET MGP SITE
LOCKPORT, NEW YORK

Location ID				GB-09	GB-09	GB-10	GB-10	GB-10
Sample ID				GB-09 (10-12)	GB-09 (12-13.8)	GB-10 (6-6.2)	GB-10 (9.5-10.5)	GB-10 (12.6-13.6)
Matrix				Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)				10.0-12.0	12.0-13.8	6.0-6.2	9.5-10.5	12.6-13.6
Date Sampled				06/01/05	06/01/05	05/26/05	05/26/05	05/26/05
Parameter	Units	Criteria (1)	Criteria (2)					
Miscellaneous Parameters								
Natural Oxidant Demand (Low Dose)	G/KG	-	-	3.1 E	NA	NA	NA	NA
Natural Oxidant Demand (Medium Dose)	G/KG	-	-	9.2	NA	NA	NA	NA
Natural Oxidant Demand (High Dose)	G/KG	-	-	9.7	NA	NA	NA	NA

Criteria (1)- NYSDEC TAGM: Determination of Soil Cleanup Objectives and Cleanup Levels; HWR-94-4046 January 24, 1994 (Revised).

Criteria (2)- Eastern USA Background Concentrations from NYSDEC TAGM: HWR-94-4046 January 24, 1994 (Revised).

Flags assigned during chemistry validation are shown.



Concentration Exceeds Criteria (1)



Concentration Exceeds Criteria (2)

J - The reported concentration is an estimated value. U - Not detected above the reported quantitation limit.

D - Result reported from a secondary dilution analysis.

E - The actual sample concentration exceeds the reported concentration, but could not be accurately determined during analysis (used for natural oxidant demand only).

NA - Not Analyzed

Only Detected Results Reported.

Detection Limits shown are PQL

Advanced Selection: Transit RI SB1
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Printed: 8/16/2006 8:09:54 AM
[SITEID] = '01' AND ([SACODE] = 'N' OR [SACODE] = 'YD') AND [MATRIX] = 'SO' AND [LOCID] LIKE 'GB-*' AND [LOGDATE] >= #2/17/2005

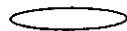
TABLE 4-3
SUMMARY OF DETECTED RI SUBSURFACE SOIL ANALYTICAL RESULTS
NYSEG - FORMER TRANSIT STREET MGP SITE
LOCKPORT, NEW YORK

Location ID				GB-11	GB-12	GB-12	GB-13	GB-13
Sample ID				GB-11 (16-17)	GB-12 (3-4)	GB-12 (17.5-18.5)	GB-13 (7-8)	DUP-02
Matrix				Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)				16.0-17.0	3.0-4.0	17.5-18.5	7.0-8.0	16.0-17.0
Date Sampled				05/23/05	05/23/05	05/23/05	05/26/05	05/26/05
Parameter	Units	Criteria (1)	Criteria (2)					Field Duplicate (1-1)
Volatile Organic Compounds								
1,2-Dichloroethene (cis)	MG/KG	-	-	0.006 U	0.70 U	0.006 U	0.005 U	NA
Acetone	MG/KG	0.2	-	0.032 U	3.5 U	0.028 U	0.027 U	NA
Benzene	MG/KG	0.06	-	0.006 U	0.70 U	0.006 U	0.005 U	NA
Carbon disulfide	MG/KG	2.7	-	0.006 U	0.70 U	0.006 U	0.001 J	NA
Cyclohexane	MG/KG	-	-	0.006 U	0.70 U	0.006 U	0.005 U	NA
Dichlorodifluoromethane	MG/KG	-	-	0.006 U	0.70 U	0.006 U	0.005 U	NA
Ethylbenzene	MG/KG	5.5	-	0.006 U	0.24 J	0.006 U	0.005 U	NA
Isopropylbenzene (Cumene)	MG/KG	2.3	-	0.006 U	0.70 U	0.006 U	0.005 U	NA
Methyl ethyl ketone (2-Butanone)	MG/KG	0.3	-	0.032 U	3.5 U	0.028 U	0.027 U	NA
Methylcyclohexane	MG/KG	-	-	0.006 U	0.70 U	0.006 U	0.005 U	NA
Styrene	MG/KG	-	-	0.006 U	0.40 J	0.006 U	0.005 U	NA
Tetrachloroethene	MG/KG	1.4	-	0.006 U	0.70 U	0.006 U	0.005 U	NA
Toluene	MG/KG	1.5	-	0.004 J	0.23 J	0.006 U	0.003 J	NA
Trichlorofluoromethane	MG/KG	-	-	0.006 U	0.70 U	0.006 U	0.005 U	NA
Xylene (total)	MG/KG	1.2	-	0.019 U	1.3 J	0.017 U	0.016 U	NA
Total BTEX	MG/KG	-	-	0.004	1.77	ND	0.003	NA
Total Volatile Organic Compounds	MG/KG	10	-	0.004	2.17	ND	0.004	NA
Semivolatile Organic Compounds								
1,1-Biphenyl	MG/KG	50	-	0.37 U	0.62 J	0.39 U	0.35 U	NA
2,4-Dimethylphenol	MG/KG	50	-	0.37 U	1.8 U	0.39 U	0.35 U	NA

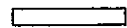
Criteria (1)- NYSDEC TAGM: Determination of Soil Cleanup Objectives and Cleanup Levels; HWR-94-4046 January 24, 1994 (Revised).

Criteria (2)- Eastern USA Background Concentrations from NYSDEC TAGM: HWR-94-4046 January 24, 1994 (Revised).

Flags assigned during chemistry validation are shown.



Concentration Exceeds Criteria (1)



Concentration Exceeds Criteria (2)

J - The reported concentration is an estimated value. U - Not detected above the reported quantitation limit.

D - Result reported from a secondary dilution analysis.

E - The actual sample concentration exceeds the reported concentration, but could not be accurately determined during analysis (used for natural oxidant demand only).

NA - Not Analyzed

Only Detected Results Reported.

Detection Limits shown are PQL

Advanced Selection: Trans RI SBI
 N:\11173467.D\000000\Program\EDMS.mdc
 Printed: 8/16/2006 8:05:55 AM
 [SITEID] = '01' AND ([SACODE] = 'N' OR [SACODE] = 'FD') AND [MATRIX] = 'SO' AND [LOCID] LIKE 'GB-' AND [LOGDATE] >= #2/17/2006

TABLE 4-3
SUMMARY OF DETECTED RI SUBSURFACE SOIL ANALYTICAL RESULTS
NYSEG - FORMER TRANSIT STREET MGP SITE
LOCKPORT, NEW YORK

Location ID				GB-11	GB-12	GB-12	GB-13	GB-13
Sample ID				GB-11 (16-17)	GB-12 (3-4)	GB-12 (17.5-18.5)	GB-13 (7-8)	DUP-02
Matrix				Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)				16.0-17.0	3.0-4.0	17.5-18.5	7.0-8.0	16.0-17.0
Date Sampled				05/23/05	05/23/05	05/23/05	05/26/05	05/26/05
Parameter	Units	Criteria (1)	Criteria (2)					Field Duplicate (1-1)
Semivolatile Organic Compounds								
2-Chloronaphthalene	MG/KG	50	-	0.37 U	1.8 U	0.39 U	0.35 U	NA
2-Methylnaphthalene	MG/KG	36.4	-	0.37 U	7.0	0.050 J	0.35 U	NA
4-Chloroaniline	MG/KG	0.22 or MDL	-	0.37 U	1.8 U	0.39 U	0.35 U	NA
4-Methylphenol (p-cresol)	MG/KG	0.9	-	0.37 U	1.8 U	0.39 U	0.35 U	NA
Acenaphthene	MG/KG	50	-	0.37 U	0.89 J	0.39 U	0.35 U	NA
Acenaphthylene	MG/KG	41	-	0.37 U	1.5 J	0.045 J	0.35 U	NA
Anthracene	MG/KG	50	-	0.37 U	1.7 J	0.39 U	0.35 U	NA
Benzo(a)anthracene	MG/KG	0.224 or MDL	-	0.37 U	1.2 J	0.39 U	0.35 U	NA
Benzo(a)pyrene	MG/KG	0.061 or MDL	-	0.37 U	1.0 J	0.39 U	0.35 U	NA
Benzo(b)fluoranthene	MG/KG	1.1	-	0.37 U	0.83 J	0.39 U	0.35 U	NA
Benzo(g,h,i)perylene	MG/KG	50	-	0.37 U	0.51 J	0.39 U	0.35 U	NA
Benzo(k)fluoranthene	MG/KG	1.1	-	0.37 U	0.30 J	0.39 U	0.35 U	NA
bis(2-Ethylhexyl)phthalate	MG/KG	50	-	0.056 J	0.29 J	0.041 J	0.35 U	NA
Butylbenzylphthalate	MG/KG	50	-	0.37 U	1.8 U	0.39 U	0.35 U	NA
Carbazole	MG/KG	50	-	0.37 U	1.8 U	0.39 U	0.35 U	NA
Chrysene	MG/KG	0.4	-	0.37 U	0.99 J	0.39 U	0.35 U	NA
Dibenz(a,h)anthracene	MG/KG	0.014 or MDL	-	0.37 U	0.14 J	0.39 U	0.35 U	NA
Dibenzofuran	MG/KG	6.2	-	0.37 U	0.44 J	0.39 U	0.35 U	NA
Fluoranthene	MG/KG	50	-	0.37 U	2.5	0.39 U	0.35 U	NA
Fluorene	MG/KG	50	-	0.37 U	1.9	0.039 J	0.35 U	NA

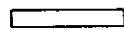
Criteria (1)- NYSDEC TAGM: Determination of Soil Cleanup Objectives and Cleanup Levels; HWR-94-4046 January 24, 1994 (Revised).

Criteria (2)- Eastern USA Background Concentrations from NYSDEC TAGM: HWR-94-4046 January 24, 1994 (Revised).

Flags assigned during chemistry validation are shown.



Concentration Exceeds Criteria (1)



Concentration Exceeds Criteria (2)

J - The reported concentration is an estimated value. U - Not detected above the reported quantitation limit.

D - Result reported from a secondary dilution analysis.

E - The actual sample concentration exceeds the reported concentration, but could not be accurately determined during analysis (used for natural oxidant demand only).

NA - Not Analyzed

Only Detected Results Reported.

Detection Limits shown are PQL

Advanced Selection: Transit RI SB1
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TABLE 4-3
SUMMARY OF DETECTED RI SUBSURFACE SOIL ANALYTICAL RESULTS
NYSEG - FORMER TRANSIT STREET MGP SITE
LOCKPORT, NEW YORK

Location ID				GB-11	GB-12	GB-12	GB-13	GB-13
Sample ID				GB-11 (16-17)	GB-12 (3-4)	GB-12 (17.5-18.5)	GB-13 (7-8)	DUP-02
Matrix				Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)				16.0-17.0	3.0-4.0	17.5-18.5	7.0-8.0	16.0-17.0
Date Sampled				05/23/05	05/23/05	05/23/05	05/26/05	05/26/05
Parameter	Units	Criteria (1)	Criteria (2)					Field Duplicate (1-1)
Semivolatile Organic Compounds								
Indeno(1,2,3-cd)pyrene	MG/KG	3.2	-	0.37 U	0.39 J	0.39 U	0.35 U	NA
Naphthalene	MG/KG	13	-	0.37 U	6.9	0.027 J	0.35 U	NA
Phenanthrene	MG/KG	50	-	0.37 U	5.0	0.044 J	0.026 J	NA
Pyrene	MG/KG	50	-	0.37 U	2.6	0.39 U	0.35 U	NA
Total Carcinogenic PAHs	MG/KG	-	-	ND	4.85	ND	ND	NA
Total Non-Carcinogenic PAHs	MG/KG	-	-	ND	30.5	0.205	0.026	NA
Total Polycyclic Aromatic Hydrocarbons	MG/KG	-	-	ND	35.35	0.205	0.026	NA
Total Semivolatile Organic Compounds	MG/KG	500	-	0.056	36.7	0.246	0.026	NA
Polychlorinated Biphenyls								
Aroclor 1248	MG/KG	10	-	0.019 U	0.018 U	0.020 U	0.018 U	NA
Aroclor 1254	MG/KG	10	-	0.019 U	0.014 J	0.020 U	0.018 U	NA
Total Polychlorinated Biphenyls	MG/KG	10	-	ND	0.014	ND	ND	NA
Metals								
Aluminum	MG/KG	SB	33000	3,400	4,840	2,780	4,100 J	NA
Arsenic	MG/KG	7.5	3-12	4.7	2.2 U	2.1 U	2.2 U	NA
Barium	MG/KG	300	15-600	66.0 J	65.6 J	41.0 J	32.2 J	NA
Beryllium	MG/KG	0.16	0-1.75	0.27 J	0.26 J	0.21 UJ	0.22 UJ	NA
Cadmium	MG/KG	1	0.1-1	0.22 U	0.22 U	0.21 U	0.22 UJ	NA
Calcium	MG/KG	SB	130-35000	86,200	35,500	18,800	14,900	NA
Chromium	MG/KG	10	1.5-40	5.3 J	8.7 J	4.0 J	4.9 J	NA

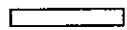
Criteria (1)- NYSDEC TAGM: Determination of Soil Cleanup Objectives and Cleanup Levels; HWR-94-4046 January 24, 1994 (Revised).

Criteria (2)- Eastern USA Background Concentrations from NYSDEC TAGM: HWR-94-4046 January 24, 1994 (Revised).

Flags assigned during chemistry validation are shown.



Concentration Exceeds Criteria (1)



Concentration Exceeds Criteria (2)

J - The reported concentration is an estimated value. U - Not detected above the reported quantitation limit.

D - Result reported from a secondary dilution analysis.

E - The actual sample concentration exceeds the reported concentration, but could not be accurately determined during analysis (used for natural oxidant demand only).

NA - Not Analyzed

Only Detected Results Reported.

Detection Limits shown are PQL

Advanced Selection: Trans R1 SBI
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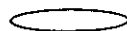
TABLE 4-3
SUMMARY OF DETECTED RI SUBSURFACE SOIL ANALYTICAL RESULTS
NYSEG - FORMER TRANSIT STREET MGP SITE
LOCKPORT, NEW YORK

Location ID				GB-11	GB-12	GB-12	GB-13	GB-13
Sample ID				GB-11 (16-17)	GB-12 (3-4)	GB-12 (17.5-18.5)	GB-13 (7-9)	DUP-02
Matrix				Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)				16.0-17.0	3.0-4.0	17.5-18.5	7.0-8.0	16.0-17.0
Date Sampled				05/23/05	05/23/05	05/23/05	05/26/05	05/26/05
Parameter	Units	Criteria (1)	Criteria (2)					Field Duplicate (1-1)
Metals								
Cobalt	MG/KG	30	2.5-60	4.1	4.3	2.8	4.1 J	NA
Copper	MG/KG	25	1-50	31.4 J	11.9 J	3.0 J	12.8 J	NA
Iron	MG/KG	2000	2000-550000	8,010	8,310	5,430	7,840 J	NA
Lead	MG/KG	SB	500	13.3 J	2.6 J	1.1 J	1.8 J	NA
Magnesium	MG/KG	SB	100-5000	9,270	4,050	3,990	4,830 J	NA
Manganese	MG/KG	SB	50-5000	646	432	265	239 J	NA
Mercury	MG/KG	0.1	0.001-0.2	0.020 UJ	0.016 UJ	0.018 UJ	0.016 U	NA
Nickel	MG/KG	13	0.5-25	7.2	9.7	6.1	8.0 J	NA
Potassium	MG/KG	SB	8500-43000	872 J	1,050 J	568 J	715 J	NA
Sodium	MG/KG	SB	6000-8000	157 U	154 U	146 U	157 UJ	NA
Vanadium	MG/KG	150	1-300	7.9 J	9.6 J	5.9 J	7.9 J	NA
Zinc	MG/KG	20	9-50	21.3 J	20.8 J	12.7 J	19.0 J	NA
Miscellaneous Parameters								
Total Cyanide	MG/KG	-	-	1.1 UJ	1.1 UJ	0.80 UJ	1.2 U	NA
Phenolics, Total Recoverable	MG/KG	-	-	5.9 U	5.5 U	5.4 U	5.5 U	NA
Total Organic Carbon (TOC)	MG/KG	-	-	NA	NA	NA	NA	10,600
Total Cyanide (Secondary Lab)	MG/KG	-	-	NA	NA	NA	NA	NA
Free Cyanide	MG/KG	-	-	NA	NA	NA	NA	NA
Ferric/Ferrous Iron Cyanide Complex	MG/KG	-	-	NA	NA	NA	NA	NA
Unknown Iron Cyanide Complex	MG/KG	-	-	NA	NA	NA	NA	NA

Criteria (1)- NYSDEC TAGM: Determination of Soil Cleanup Objectives and Cleanup Levels; HWR-94-4046 January 24, 1994 (Revised).

Criteria (2)- Eastern USA Background Concentrations from NYSDEC TAGM: HWR-94-4046 January 24, 1994 (Revised).

Flags assigned during chemistry validation are shown.



Concentration Exceeds Criteria (1)



Concentration Exceeds Criteria (2)

J - The reported concentration is an estimated value. U - Not detected above the reported quantitation limit.

D - Result reported from a secondary dilution analysis.

E - The actual sample concentration exceeds the reported concentration, but could not be accurately determined during analysis (used for natural oxidant demand only).

NA - Not Analyzed

Only Detected Results Reported.

Detection Limits shown are PQL

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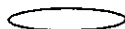
TABLE 4-3
SUMMARY OF DETECTED RI SUBSURFACE SOIL ANALYTICAL RESULTS
NYSEG - FORMER TRANSIT STREET MGP SITE
LOCKPORT, NEW YORK

Location ID				GB-11	GB-12	GB-12	GB-13	GB-13
Sample ID				GB-11 (16-17)	GB-12 (3-4)	GB-12 (17.5-18.5)	GB-13 (7-8)	DUP-02
Matrix				Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)				16.0-17.0	3.0-4.0	17.5-18.5	7.0-8.0	16.0-17.0
Date Sampled				05/23/05	05/23/05	05/23/05	05/26/05	05/26/05
Parameter	Units	Criteria (1)	Criteria (2)					Field Duplicate (1-1)
Miscellaneous Parameters								
Natural Oxidant Demand (Low Dose)	G/KG	-	-	NA	NA	NA	NA	0.6
Natural Oxidant Demand (Medium Dose)	G/KG	-	-	NA	NA	NA	NA	0.7
Natural Oxidant Demand (High Dose)	G/KG	-	-	NA	NA	NA	NA	1.0

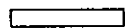
Criteria (1)- NYSDEC TAGM: Determination of Soil Cleanup Objectives and Cleanup Levels; HWR-94-4046 January 24, 1994 (Revised).

Criteria (2)- Eastern USA Background Concentrations from NYSDEC TAGM: HWR-94-4046 January 24, 1994 (Revised).

Flags assigned during chemistry validation are shown.



Concentration Exceeds Criteria (1)



Concentration Exceeds Criteria (2)

J - The reported concentration is an estimated value. U - Not detected above the reported quantitation limit.

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Only Detected Results Reported.

Detection Limits shown are PQL

Advanced Selection: Trans RI SB1
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TABLE 4-3
SUMMARY OF DETECTED RI SUBSURFACE SOIL ANALYTICAL RESULTS
NYSEG - FORMER TRANSIT STREET MGP SITE
LOCKPORT, NEW YORK

Location ID				GB-13	GB-13	GB-14	GB-14	GB-15
Sample ID				GB-13 (16-17)	GB-13 (17.8-18.8)	GB-14 (8.5-9.5)	GB-14 (16.5-17.5)	GB-15 (2-3)
Matrix				Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)				16.0-17.0	17.8-18.8	8.5-9.5	16.5-17.5	2.0-3.0
Date Sampled				05/26/05	05/26/05	05/23/05	05/23/05	05/24/05
Parameter	Units	Criteria (1)	Criteria (2)					
Volatile Organic Compounds								
1,2-Dichloroethene (cis)	MG/KG	-	-	NA	0.006 U	1.5 U	0.006 U	0.030 U
Acetone	MG/KG	0.2	-	NA	0.028 U	7.4 U	0.028 U	0.15 U
Benzene	MG/KG	0.06	-	NA	0.006 U	1.5 U	0.006 U	0.030 U
Carbon disulfide	MG/KG	2.7	-	NA	0.006 U	1.5 U	0.006 U	0.030 U
Cyclohexane	MG/KG	-	-	NA	0.006 U	1.5 U	0.006 U	0.030 U
Dichlorodifluoromethane	MG/KG	-	-	NA	0.006 U	1.5 U	0.006 U	0.030 U
Ethylbenzene	MG/KG	5.5	-	NA	0.006 U	15	0.006 U	0.030 U
Isopropylbenzene (Cumene)	MG/KG	2.3	-	NA	0.006 U	3.8	0.006 U	0.030 U
Methyl ethyl ketone (2-Butanone)	MG/KG	0.3	-	NA	0.028 U	7.4 U	0.028 U	0.15 U
Methylcyclohexane	MG/KG	-	-	NA	0.006 U	1.5 U	0.006 U	0.030 U
Styrene	MG/KG	-	-	NA	0.006 U	1.5 U	0.006 U	0.030 U
Tetrachloroethene	MG/KG	1.4	-	NA	0.006 U	1.5 U	0.006 U	0.030 U
Toluene	MG/KG	1.5	-	NA	0.006 U	0.70 J	0.003 J	0.013 J
Trichlorofluoromethane	MG/KG	-	-	NA	0.006 U	1.5 U	0.006 U	0.030 U
Xylene (total)	MG/KG	1.2	-	NA	0.017 U	40	0.017 U	0.091 U
Total BTEX	MG/KG	-	-	NA	ND	55.7	0.003	0.013
Total Volatile Organic Compounds	MG/KG	10	-	NA	ND	59.5	0.003	0.013
Semivolatile Organic Compounds								
1,1-Biphenyl	MG/KG	50	-	NA	0.38 U	5.7	0.38 U	14
2,4-Dimethylphenol	MG/KG	50	-	NA	0.38 U	1.9 U	0.38 U	7.8 U

Criteria (1)- NYSDEC TAGM: Determination of Soil Cleanup Objectives and Cleanup Levels; HWR-94-4046 January 24, 1994 (Revised).

Criteria (2)- Eastern USA Background Concentrations from NYSDEC TAGM: HWR-94-4046 January 24, 1994 (Revised).

Flags assigned during chemistry validation are shown.



Concentration Exceeds Criteria (1)

Concentration Exceeds Criteria (2)

J - The reported concentration is an estimated value. U - Not detected above the reported quantitation limit.

D - Result reported from a secondary dilution analysis.

E - The actual sample concentration exceeds the reported concentration, but could not be accurately determined during analysis (used for natural oxidant demand only).

NA - Not Analyzed

Only Detected Results Reported.

Detection Limits shown are PQL

Advanced Selection: Trans R1 SB1
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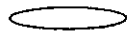
TABLE 4-3
SUMMARY OF DETECTED RI SUBSURFACE SOIL ANALYTICAL RESULTS
NYSEG - FORMER TRANSIT STREET MGP SITE
LOCKPORT, NEW YORK

Location ID				GB-13	GB-13	GB-14	GB-14	GB-15
Sample ID				GB-13 (16-17)	GB-13 (17.8-18.8)	GB-14 (8.5-9.5)	GB-14 (16.5-17.5)	GB-15 (2-3)
Matrix				Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)				16.0-17.0	17.8-18.8	8.5-9.5	16.5-17.5	2.0-3.0
Date Sampled				05/26/05	05/26/05	05/23/05	05/23/05	05/24/05
Parameter	Units	Criteria (1)	Criteria (2)					
Semivolatile Organic Compounds								
2-Chloronaphthalene	MG/KG	50	-	NA	0.38 U	1.9 U	0.38 U	7.8 U
2-Methylnaphthalene	MG/KG	36.4	-	NA	0.38 U	41 D	0.38 U	3.3 J
4-Chloroaniline	MG/KG	0.22 or MDL	-	NA	0.38 U	1.9 U	0.38 U	7.8 U
4-Methylphenol (p-cresol)	MG/KG	0.9	-	NA	0.38 U	1.9 U	0.38 U	7.8 U
Acenaphthene	MG/KG	50	-	NA	0.38 U	23	0.38 U	8.4
Acenaphthylene	MG/KG	41	-	NA	0.38 U	3.5	0.023 J	30
Anthracene	MG/KG	50	-	NA	0.38 U	13	0.024 J	50
Benzo(a)anthracene	MG/KG	0.224 or MDL	-	NA	0.38 U	6.3	0.38 U	26
Benzo(a)pyrene	MG/KG	0.061 or MDL	-	NA	0.38 U	4.2	0.38 U	18
Benzo(b)fluoranthene	MG/KG	1.1	-	NA	0.38 U	3.9	0.38 U	16
Benzo(g,h,i)perylene	MG/KG	50	-	NA	0.38 U	1.4 J	0.38 U	6.1 J
Benzo(k)fluoranthene	MG/KG	1.1	-	NA	0.38 U	4.2	0.38 U	18
bis(2-Ethylhexyl)phthalate	MG/KG	50	-	NA	0.38 U	1.9 U	0.12 J	7.8 U
Butylbenzylphthalate	MG/KG	50	-	NA	0.38 U	1.9 U	0.38 U	7.8 U
Carbazole	MG/KG	50	-	NA	0.38 U	0.43 J	0.38 U	7.8 U
Chrysene	MG/KG	0.4	-	NA	0.38 U	4.9	0.38 U	21
Dibenz(a,h)anthracene	MG/KG	0.014 or MDL	-	NA	0.38 U	0.50 J	0.38 U	2.0 J
Dibenzofuran	MG/KG	6.2	-	NA	0.38 U	1.3 J	0.38 U	4.3 J
Fluoranthene	MG/KG	50	-	NA	0.38 U	12	0.035 J	52
Fluorene	MG/KG	50	-	NA	0.38 U	13	0.028 J	57

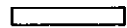
Criteria (1)- NYSDEC TAGM: Determination of Soil Cleanup Objectives and Cleanup Levels; HWR-94-4046 January 24, 1994 (Revised).

Criteria (2)- Eastern USA Background Concentrations from NYSDEC TAGM: HWR-94-4046 January 24, 1994 (Revised).

Flags assigned during chemistry validation are shown.



Concentration Exceeds Criteria (1)



Concentration Exceeds Criteria (2)

J - The reported concentration is an estimated value. U - Not detected above the reported quantitation limit.

D - Result reported from a secondary dilution analysis.

E - The actual sample concentration exceeds the reported concentration, but could not be accurately determined during analysis (used for natural oxidant demand only).

NA - Not Analyzed

Only Detected Results Reported.

Detection Limits shown are PQL

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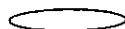
TABLE 4-3
SUMMARY OF DETECTED RI SUBSURFACE SOIL ANALYTICAL RESULTS
NYSEG - FORMER TRANSIT STREET MGP SITE
LOCKPORT, NEW YORK

Location ID				GB-13	GB-13	GB-14	GB-14	GB-15
Sample ID				GB-13 (16-17)	GB-13 (17.8-18.8)	GB-14 (8.5-9.5)	GB-14 (16.5-17.5)	GB-15 (2-3)
Matrix				Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)				16.0-17.0	17.8-18.8	8.5-9.5	16.5-17.5	2.0-3.0
Date Sampled				05/26/05	05/26/05	05/23/05	05/23/05	05/24/05
Parameter	Units	Criteria (1)	Criteria (2)					
Semivolatile Organic Compounds								
Indeno(1,2,3-cd)pyrene	MG/KG	3.2	-	NA	0.38 U	1.2 J	0.38 U	4.9 J
Naphthalene	MG/KG	13	-	NA	0.38 U	83 D	0.38 U	7.8 U
Phenanthrene	MG/KG	50	-	NA	0.38 U	40 D	0.086 J	200 D
Pyrene	MG/KG	50	-	NA	0.38 U	15	0.038 J	63
Total Carcinogenic PAHs	MG/KG	-	-	NA	ND	25.2	ND	105.9
Total Non-Carcinogenic PAHs	MG/KG	-	-	NA	ND	244.9	0.234	469.8
Total Polycyclic Aromatic Hydrocarbons	MG/KG	-	-	NA	ND	270.1	0.234	575.7
Total Semivolatile Organic Compounds	MG/KG	500	-	NA	ND	277.53	0.354	594
Polychlorinated Biphenyls								
Aroclor 1248	MG/KG	10	-	NA	0.019 U	0.020 U	0.019 U	0.020 U
Aroclor 1254	MG/KG	10	-	NA	0.019 U	0.020 U	0.019 U	0.020 U
Total Polychlorinated Biphenyls	MG/KG	10	-	NA	ND	ND	ND	ND
Metals								
Aluminum	MG/KG	SB	33000	NA	3,940 J	3,600	2,860	2,090
Arsenic	MG/KG	7.5	3-12	NA	2.2 U	2.2 U	2.3 U	2.5 U
Barium	MG/KG	300	15-600	NA	46.6 J	50.9 J	74.2 J	13.5 J
Beryllium	MG/KG	0.16	0-1.75	NA	0.25 J	0.22 UJ	0.23 UJ	0.25 UJ
Cadmium	MG/KG	1	0.1-1	NA	0.22 UJ	0.22 U	0.23 U	0.25 U
Calcium	MG/KG	SB	130-35000	NA	24,600	31,900	31,600	20,100
Chromium	MG/KG	10	1.5-40	NA	5.2 J	5.1 J	5.5 J	3.1 J

Criteria (1)- NYSDEC TAGM: Determination of Soil Cleanup Objectives and Cleanup Levels; HWR-94-4046 January 24, 1994 (Revised).

Criteria (2)- Eastern USA Background Concentrations from NYSDEC TAGM: HWR-94-4046 January 24, 1994 (Revised).

Flags assigned during chemistry validation are shown.



Concentration Exceeds Criteria (1)



Concentration Exceeds Criteria (2)

J - The reported concentration is an estimated value. U - Not detected above the reported quantitation limit.

D - Result reported from a secondary dilution analysis.

E - The actual sample concentration exceeds the reported concentration, but could not be accurately determined during analysis (used for natural oxidant demand only).

NA - Not Analyzed

Only Detected Results Reported.

Detection Limits shown are PQL

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 42/11/2006

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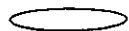
TABLE 4-3
SUMMARY OF DETECTED RI SUBSURFACE SOIL ANALYTICAL RESULTS
NYSEG - FORMER TRANSIT STREET MGP SITE
LOCKPORT, NEW YORK

Location ID				GB-13	GB-13	GB-14	GB-14	GB-15
Sample ID				GB-13 (16-17)	GB-13 (17.8-18.8)	GB-14 (8.5-9.5)	GB-14 (16.5-17.5)	GB-15 (2-3)
Matrix				Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)				16.0-17.0	17.8-18.8	8.5-9.5	16.5-17.5	2.0-3.0
Date Sampled				05/26/05	05/26/05	05/23/05	05/23/05	05/24/05
Parameter	Units	Criteria (1)	Criteria (2)					
Metals								
Cobalt	MG/KG	30	2.5-60	NA	3.6 J	3.5	3.0	2.4
Copper	MG/KG	25	1-50	NA	9.5 J	7.9 J	6.1 J	4.2 J
Iron	MG/KG	2000	2000-550000	NA	7,200 J	6,820	6,250	4,570
Lead	MG/KG	SB	500	NA	1.7 J	5.7 J	1.7 J	1.3 J
Magnesium	MG/KG	SB	100-5000	NA	4,930 J	4,760	4,990	3,220
Manganese	MG/KG	SB	50-5000	NA	316 J	312	334	240
Mercury	MG/KG	0.1	0.001-0.2	NA	0.018 U	0.018 UJ	0.018 UJ	0.018 UJ
Nickel	MG/KG	13	0.5-25	NA	8.2 J	6.6	5.7	4.4
Potassium	MG/KG	SB	8500-43000	NA	888 J	758 J	629 J	515 J
Sodium	MG/KG	SB	6000-8000	NA	153 UJ	153 U	160 U	178 U
Vanadium	MG/KG	150	1-300	NA	7.8 J	7.7 J	7.1 J	5.1 J
Zinc	MG/KG	20	9-50	NA	15.5 J	16.1 J	16.9 J	9.7 J
Miscellaneous Parameters								
Total Cyanide	MG/KG	-	-	NA	1.3 U	1.6 J	0.94 UJ	0.90 UJ
Phenolics, Total Recoverable	MG/KG	-	-	NA	5.7 U	5.3 U	5.9 U	6.3 U
Total Organic Carbon (TOC)	MG/KG	-	-	12,100	NA	NA	NA	NA
Total Cyanide (Secondary Lab)	MG/KG	-	-	NA	NA	37.7	NA	NA
Free Cyanide	MG/KG	-	-	NA	NA	0.04 U	NA	NA
Ferric/Ferrous Iron Cyanide Complex	MG/KG	-	-	NA	NA	32.7	NA	NA
Unknown Iron Cyanide Complex	MG/KG	-	-	NA	NA	0 U	NA	NA

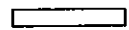
Criteria (1)- NYSDEC TAGM: Determination of Soil Cleanup Objectives and Cleanup Levels; HWR-94-4046 January 24, 1994 (Revised).

Criteria (2)- Eastern USA Background Concentrations from NYSDEC TAGM: HWR-94-4046 January 24, 1994 (Revised).

Flags assigned during chemistry validation are shown.



Concentration Exceeds Criteria (1)



Concentration Exceeds Criteria (2)

J - The reported concentration is an estimated value. U - Not detected above the reported quantitation limit.

D - Result reported from a secondary dilution analysis.

E - The actual sample concentration exceeds the reported concentration, but could not be accurately determined during analysis (used for natural oxidant demand only).

NA - Not Analyzed

Only Detected Results Reported.

Detection Limits shown are PQL

Advanced Selection: Transit RI SB:
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TABLE 4-3
SUMMARY OF DETECTED RI SUBSURFACE SOIL ANALYTICAL RESULTS
NYSEG - FORMER TRANSIT STREET MGP SITE
LOCKPORT, NEW YORK

Location ID				GB-13	GB-13	GB-14	GB-14	GB-15
Sample ID				GB-13 (16-17)	GB-13 (17.8-18.8)	GB-14 (8.5-9.5)	GB-14 (16.5-17.5)	GB-15 (2-3)
Matrix				Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)				16.0-17.0	17.8-18.8	8.5-9.5	16.5-17.5	2.0-3.0
Date Sampled				05/26/05	05/26/05	05/23/05	05/23/05	05/24/05
Parameter	Units	Criteria (1)	Criteria (2)					
Miscellaneous Parameters								
Natural Oxidant Demand (Low Dose)	G/KG	-	-	0.5	NA	NA	NA	NA
Natural Oxidant Demand (Medium Dose)	G/KG	-	-	0.6	NA	NA	NA	NA
Natural Oxidant Demand (High Dose)	G/KG	-	-	0.7	NA	NA	NA	NA

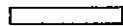
Criteria (1)- NYSDEC TAGM: Determination of Soil Cleanup Objectives and Cleanup Levels; HWR-94-4046 January 24, 1994 (Revised).

Criteria (2)- Eastern USA Background Concentrations from NYSDEC TAGM: HWR-94-4046 January 24, 1994 (Revised).

Flags assigned during chemistry validation are shown.



Concentration Exceeds Criteria (1)



Concentration Exceeds Criteria (2)

J - The reported concentration is an estimated value. U - Not detected above the reported quantitation limit.

D - Result reported from a secondary dilution analysis.

E - The actual sample concentration exceeds the reported concentration, but could not be accurately determined during analysis (used for natural oxidant demand only).

NA - Not Analyzed

Only Detected Results Reported.

Detection Limits shown are PQL

Advanced Selection: Transit RI SBI
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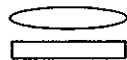
TABLE 4-3
SUMMARY OF DETECTED RI SUBSURFACE SOIL ANALYTICAL RESULTS
NYSEG - FORMER TRANSIT STREET MGP SITE
LOCKPORT, NEW YORK

Location ID				GB-15	GB-15	GB-16	GB-16	GB-17
Sample ID				GB-15 (3-4)	GB-15 (18-19)	GB-16 (0.5-1.5)	GB-16 (15-16)	GB-17 (6.2-8.2)
Matrix				Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)				3.0-4.0	18.0-19.0	0.5-1.5	15.0-16.0	6.2-8.2
Date Sampled				05/24/05	05/24/05	05/23/05	05/23/05	06/01/05
Parameter	Units	Criteria (1)	Criteria (2)					
Volatile Organic Compounds								
1,2-Dichloroethene (cis)	MG/KG	-	-	NA	0.006 U	7.2 U	0.006 U	0.032 U
Acetone	MG/KG	0.2	-	NA	0.030 U	36 U	0.028 U	0.16 U
Benzene	MG/KG	0.06	-	NA	0.006 U	7.2 U	0.006 U	0.032 U
Carbon disulfide	MG/KG	2.7	-	NA	0.006 U	7.2 U	0.006 U	0.032 U
Cyclohexane	MG/KG	-	-	NA	0.006 U	7.2 U	0.006 U	0.32
Dichlorodifluoromethane	MG/KG	-	-	NA	0.006 U	7.2 U	0.006 U	0.032 U
Ethylbenzene	MG/KG	5.5	-	NA	0.006 U	7.2 U	0.006 U	0.44
Isopropylbenzene (Cumene)	MG/KG	2.3	-	NA	0.006 U	19	0.006 U	0.12
Methyl ethyl ketone (2-Butanone)	MG/KG	0.3	-	NA	0.030 U	36 U	0.028 U	0.16 U
Methylcyclohexane	MG/KG	-	-	NA	0.006 U	7.2 U	0.006 U	0.28
Styrene	MG/KG	-	-	NA	0.006 U	7.2 U	0.006 U	0.032 U
Tetrachloroethene	MG/KG	1.4	-	NA	0.006 U	7.2 U	0.006 U	0.032 U
Toluene	MG/KG	1.5	-	NA	0.006 U	7.2 U	0.002 J	0.032 U
Trichlorofluoromethane	MG/KG	-	-	NA	0.006 U	7.2 U	0.006 U	0.032 U
Xylene (total)	MG/KG	1.2	-	NA	0.018 U	30	0.017 U	1.3
Total BTEX	MG/KG	-	-	NA	ND	30	0.002	1.74
Total Volatile Organic Compounds	MG/KG	10	-	NA	ND	49	0.002	2.46
Semivolatile Organic Compounds								
1,1-Biphenyl	MG/KG	50	-	NA	0.39 U	16	0.38 U	0.44 U
2,4-Dimethylphenol	MG/KG	50	-	NA	0.39 U	7.8 U	0.38 U	0.44 U

Criteria (1)- NYSDEC TAGM: Determination of Soil Cleanup Objectives and Cleanup Levels; HWR-94-4046 January 24, 1994 (Revised).

Criteria (2)- Eastern USA Background Concentrations from NYSDEC TAGM: HWR-94-4046 January 24, 1994 (Revised).

Flags assigned during chemistry validation are shown.



Concentration Exceeds Criteria (1)

Concentration Exceeds Criteria (2)

J - The reported concentration is an estimated value. U - Not detected above the reported quantitation limit.

D - Result reported from a secondary dilution analysis.

E - The actual sample concentration exceeds the reported concentration, but could not be accurately determined during analysis (used for natural oxidant demand only).

NA - Not Analyzed

Only Detected Results Reported.

Detection Limits shown are PQL

Advanced Selection: Transit RI SB1
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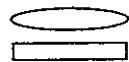
TABLE 4-3
SUMMARY OF DETECTED RI SUBSURFACE SOIL ANALYTICAL RESULTS
NYSEG - FORMER TRANSIT STREET MGP SITE
LOCKPORT, NEW YORK

Location ID				GB-15	GB-15	GB-16	GB-16	GB-17
Sample ID				GB-15 (3-4)	GB-15 (18-19)	GB-16 (0.5-1.5)	GB-16 (15-16)	GB-17 (6.2-8.2)
Matrix				Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)				3.0-4.0	18.0-19.0	0.5-1.5	15.0-16.0	6.2-8.2
Date Sampled				05/24/05	05/24/05	05/23/05	05/23/05	06/01/05
Parameter	Units	Criteria (1)	Criteria (2)					
Semivolatile Organic Compounds								
2-Chloronaphthalene	MG/KG	50	-	NA	0.39 U	7.8 U	0.38 U	0.44 U
2-Methylnaphthalene	MG/KG	36.4	-	NA	0.39 U	12	0.029 J	1.4
4-Chloroaniline	MG/KG	0.22 or MDL	-	NA	0.39 U	7.8 U	0.38 U	0.44 U
4-Methylphenol (p-cresol)	MG/KG	0.9	-	NA	0.39 U	7.8 U	0.38 U	0.44 U
Acenaphthene	MG/KG	50	-	NA	0.39 U	22	0.023 J	0.44 U
Acenaphthylene	MG/KG	41	-	NA	0.39 U	48	0.037 J	0.44 U
Anthracene	MG/KG	50	-	NA	0.39 U	82	0.025 J	0.44 U
Benzo(a)anthracene	MG/KG	0.224 or MDL	-	NA	0.39 U	47	0.38 U	0.44 U
Benzo(a)pyrene	MG/KG	0.061 or MDL	-	NA	0.39 U	35	0.38 U	0.027 J
Benzo(b)fluoranthene	MG/KG	1.1	-	NA	0.39 U	31	0.38 U	0.038 J
Benzo(g,h,i)perylene	MG/KG	50	-	NA	0.39 U	16	0.38 U	0.032 J
Benzo(k)fluoranthene	MG/KG	1.1	-	NA	0.39 U	34	0.38 U	0.44 U
bis(2-Ethylhexyl)phthalate	MG/KG	50	-	NA	0.031 J	7.8 U	0.082 J	0.44 U
Butylbenzylphthalate	MG/KG	50	-	NA	0.39 U	7.8 U	0.38 U	0.44 U
Carbazole	MG/KG	50	-	NA	0.39 U	7.8 U	0.38 U	0.44 U
Chrysene	MG/KG	0.4	-	NA	0.39 U	35	0.38 U	0.023 J
Dibenz(a,h)anthracene	MG/KG	0.014 or MDL	-	NA	0.39 U	5.4 J	0.38 U	0.44 U
Dibenzofuran	MG/KG	6.2	-	NA	0.39 U	5.7 J	0.38 U	0.44 U
Fluoranthene	MG/KG	50	-	NA	0.39 U	85	0.027 J	0.030 J
Fluorene	MG/KG	50	-	NA	0.39 U	82	0.039 J	0.44 U

Criteria (1)- NYSDEC TAGM: Determination of Soil Cleanup Objectives and Cleanup Levels; HWR-94-4046 January 24, 1994 (Revised).

Criteria (2)- Eastern USA Background Concentrations from NYSDEC TAGM: HWR-94-4046 January 24, 1994 (Revised).

Flags assigned during chemistry validation are shown.



Concentration Exceeds Criteria (1)

Concentration Exceeds Criteria (2)

J - The reported concentration is an estimated value. U - Not detected above the reported quantitation limit.

D - Result reported from a secondary dilution analysis.

E - The actual sample concentration exceeds the reported concentration, but could not be accurately determined during analysis (used for natural oxidant demand only).

NA - Not Analyzed

Only Detected Results Reported.

Detection Limits shown are PQL

Advanced Selection: Transit RI SB1
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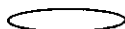
TABLE 4-3
SUMMARY OF DETECTED RI SUBSURFACE SOIL ANALYTICAL RESULTS
NYSEG - FORMER TRANSIT STREET MGP SITE
LOCKPORT, NEW YORK

Location ID				GB-15	GB-15	GB-16	GB-16	GB-17
Sample ID				GB-15 (3-4)	GB-15 (18-19)	GB-16 (0.5-1.5)	GB-16 (15-16)	GB-17 (6.2-8.2)
Matrix				Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)				3.0-4.0	18.0-19.0	0.5-1.5	15.0-16.0	6.2-8.2
Date Sampled				05/24/05	05/24/05	05/23/05	05/23/05	06/01/05
Parameter	Units	Criteria (1)	Criteria (2)					
Semivolatile Organic Compounds								
Indeno(1,2,3-cd)pyrene	MG/KG	3.2	-	NA	0.39 U	14	0.38 U	0.024 J
Naphthalene	MG/KG	13	-	NA	0.39 U	62	0.12 J	1.1
Phenanthrene	MG/KG	50	-	NA	0.026 J	250 D	0.081 J	0.047 J
Pyrene	MG/KG	50	-	NA	0.39 U	110	0.030 J	0.029 J
Total Carcinogenic PAHs	MG/KG	-	-	NA	ND	201.4	ND	0.112
Total Non-Carcinogenic PAHs	MG/KG	-	-	NA	0.026	769	0.411	2.638
Total Polycyclic Aromatic Hydrocarbons	MG/KG	-	-	NA	0.026	970.4	0.411	2.75
Total Semivolatile Organic Compounds	MG/KG	500	-	NA	0.057	992.1	0.493	2.75
Polychlorinated Biphenyls								
Aroclor 1248	MG/KG	10	-	NA	0.020 U	0.058	0.019 U	0.022 U
Aroclor 1254	MG/KG	10	-	NA	0.020 U	0.095	0.019 U	0.022 U
Total Polychlorinated Biphenyls	MG/KG	10	-	NA	ND	0.153	ND	ND
Metals								
Aluminum	MG/KG	SB	33000	NA	3,800	2,340	3,030	8,290 J
Arsenic	MG/KG	7.5	3-12	NA	2.4 U	2.4 U	2.4 U	2.7
Barium	MG/KG	300	15-600	NA	55.9 J	14.9 J	43.3 J	123
Beryllium	MG/KG	0.16	0-1.75	NA	0.24 UJ	0.24 UJ	0.24 UJ	0.30
Cadmium	MG/KG	1	0.1-1	NA	0.24 U	0.24 U	0.24 U	0.25 UJ
Calcium	MG/KG	SB	130-35000	NA	24,300	15,400	27,600	36,200
Chromium	MG/KG	10	1.5-40	NA	5.7 J	3.6 J	4.1 J	12.3 J

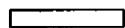
Criteria (1)- NYSDEC TAGM: Determination of Soil Cleanup Objectives and Cleanup Levels; HWR-94-4046 January 24, 1994 (Revised).

Criteria (2)- Eastern USA Background Concentrations from NYSDEC TAGM: HWR-94-4046 January 24, 1994 (Revised).

Flags assigned during chemistry validation are shown.



Concentration Exceeds Criteria (1)



Concentration Exceeds Criteria (2)

J - The reported concentration is an estimated value. U - Not detected above the reported quantitation limit.

D - Result reported from a secondary dilution analysis.

E - The actual sample concentration exceeds the reported concentration, but could not be accurately determined during analysis (used for natural oxidant demand only).

NA - Not Analyzed

Only Detected Results Reported.

Detection Limits shown are PQL

Advanced Selection: Transit RI SB
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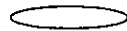
TABLE 4-3
SUMMARY OF DETECTED RI SUBSURFACE SOIL ANALYTICAL RESULTS
NYSEG - FORMER TRANSIT STREET MGP SITE
LOCKPORT, NEW YORK

Location ID				GB-15	GB-15	GB-16	GB-16	GB-17
Sample ID				GB-15 (3-4)	GB-15 (18-19)	GB-16 (0.5-1.5)	GB-16 (15-16)	GB-17 (6.2-8.2)
Matrix				Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)				3.0-4.0	18.0-19.0	0.5-1.5	15.0-16.0	6.2-8.2
Date Sampled				05/24/05	05/24/05	05/23/05	05/23/05	06/01/05
Parameter	Units	Criteria (1)	Criteria (2)					
Metals								
Cobalt	MG/KG	30	2.5-60	NA	3.9	7.2	6.2	6.7 J
Copper	MG/KG	25	1-50	NA	4.4 J	10.6 J	43.0 J	18.9 J
Iron	MG/KG	2000	2000-550000	NA	7,250	5,470	7,060	14,600
Lead	MG/KG	SB	500	NA	1.7 J	15.6 J	1.9 J	33.2
Magnesium	MG/KG	SB	100-5000	NA	5,090	3,390	4,740	10,400
Manganese	MG/KG	SB	50-5000	NA	345	160	284	260
Mercury	MG/KG	0.1	0.001-0.2	NA	0.018 UJ	0.055 J	0.016 UJ	0.156 J
Nickel	MG/KG	13	0.5-25	NA	8.4	13.8	9.6	13.1 J
Potassium	MG/KG	SB	8500-43000	NA	811 J	549 J	739 J	1,090 J
Sodium	MG/KG	SB	6000-8000	NA	166 U	166 U	165 U	1,030 J
Vanadium	MG/KG	150	1-300	NA	7.7 J	6.3 J	8.0 J	18.1 J
Zinc	MG/KG	20	9-50	NA	16.3 J	59.1 J	13.8 J	69.7
Miscellaneous Parameters								
Total Cyanide	MG/KG	-	-	NA	1.1 UJ	1.3 J	1.1 UJ	1.1 UJ
Phenolics, Total Recoverable	MG/KG	-	-	NA	5.7 U	5.9 U	5.7 U	6.5 U
Total Organic Carbon (TOC)	MG/KG	-	-	9,850	NA	NA	NA	82,000
Total Cyanide (Secondary Lab)	MG/KG	-	-	NA	NA	0.15	NA	NA
Free Cyanide	MG/KG	-	-	NA	NA	0.04 U	NA	NA
Ferric/Ferrous Iron Cyanide Complex	MG/KG	-	-	NA	NA	0.02	NA	NA
Unknown Iron Cyanide Complex	MG/KG	-	-	NA	NA	0 U	NA	NA

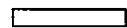
Criteria (1)- NYSDEC TAGM: Determination of Soil Cleanup Objectives and Cleanup Levels; HWR-94-4046 January 24, 1994 (Revised).

Criteria (2)- Eastern USA Background Concentrations from NYSDEC TAGM: HWR-94-4046 January 24, 1994 (Revised).

Flags assigned during chemistry validation are shown.



Concentration Exceeds Criteria (1)



Concentration Exceeds Criteria (2)

J - The reported concentration is an estimated value. U - Not detected above the reported quantitation limit.

D - Result reported from a secondary dilution analysis.

E - The actual sample concentration exceeds the reported concentration, but could not be accurately determined during analysis (used for natural oxidant demand only).

NA - Not Analyzed

Only Detected Results Reported.

Detection Limits shown are PQL

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TABLE 4-3
SUMMARY OF DETECTED RI SUBSURFACE SOIL ANALYTICAL RESULTS
NYSEG - FORMER TRANSIT STREET MGP SITE
LOCKPORT, NEW YORK

Location ID				GB-15	GB-15	GB-16	GB-16	GB-17
Sample ID				GB-15 (3-4)	GB-15 (18-19)	GB-16 (0.5-1.5)	GB-16 (15-16)	GB-17 (6.2-8.2)
Matrix				Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)				3.0-4.0	18.0-19.0	0.5-1.5	15.0-16.0	6.2-8.2
Date Sampled				05/24/05	05/24/05	05/23/05	05/23/05	06/01/05
Parameter	Units	Criteria (1)	Criteria (2)					
Miscellaneous Parameters								
Natural Oxidant Demand (Low Dose)	G/KG	-	-	0.3	NA	NA	NA	3.3 E
Natural Oxidant Demand (Medium Dose)	G/KG	-	-	0.5	NA	NA	NA	16.4 E
Natural Oxidant Demand (High Dose)	G/KG	-	-	0.7	NA	NA	NA	32.9 E

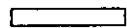
Criteria (1)- NYSDEC TAGM: Determination of Soil Cleanup Objectives and Cleanup Levels; HWR-94-4046 January 24, 1994 (Revised).

Criteria (2)- Eastern USA Background Concentrations from NYSDEC TAGM: HWR-94-4046 January 24, 1994 (Revised).

Flags assigned during chemistry validation are shown.



Concentration Exceeds Criteria (1)



Concentration Exceeds Criteria (2)

J - The reported concentration is an estimated value. U - Not detected above the reported quantitation limit.

D - Result reported from a secondary dilution analysis.

E - The actual sample concentration exceeds the reported concentration, but could not be accurately determined during analysis (used for natural oxidant demand only).

NA - Not Analyzed

Only Detected Results Reported.

Detection Limits shown are PQL

Advanced Selection: Transak RI SBI
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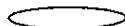
TABLE 4-3
SUMMARY OF DETECTED RI SUBSURFACE SOIL ANALYTICAL RESULTS
NYSEG - FORMER TRANSIT STREET MGP SITE
LOCKPORT, NEW YORK

Location ID				GB-18	GB-18	GB-19	GB-20	GB-20
Sample ID				GB-18 (0.5-1.5)	GB-18 (6.5-7)	GB-19 (7-8)	GB-20 (4-6)	GB-20 (7.5-8.5)
Matrix				Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)				0.5-1.5	6.5-7.0	7.0-8.0	4.0-6.0	7.5-8.5
Date Sampled				06/01/05	06/01/05	05/31/05	06/01/05	06/01/05
Parameter	Units	Criteria (1)	Criteria (2)					
Volatile Organic Compounds								
1,2-Dichloroethene (cis)	MG/KG	-	-	0.005 U	0.003 J	0.006 U	0.006 U	0.005 U
Acetone	MG/KG	0.2	-	0.026 U	0.033 U	0.050	0.029 U	0.027 U
Benzene	MG/KG	0.06	-	0.005 U	0.007 U	0.007	0.006 U	0.005 U
Carbon disulfide	MG/KG	2.7	-	0.005 U	0.007 U	0.006 U	0.006 U	0.005 U
Cyclohexane	MG/KG	-	-	0.005 U	0.007 U	0.005 J	0.006 U	0.005 U
Dichlorodifluoromethane	MG/KG	-	-	0.005 U	0.007 U	0.006 U	0.006 U	0.005 U
Ethylbenzene	MG/KG	5.5	-	0.001 J	0.007 U	0.003 J	0.006 U	0.005 U
Isopropylbenzene (Cumene)	MG/KG	2.3	-	0.005 U	0.007 U	0.037	0.006 U	0.005 U
Methyl ethyl ketone (2-Butanone)	MG/KG	0.3	-	0.026 U	0.033 U	0.050	0.029 U	0.027 U
Methylcyclohexane	MG/KG	-	-	0.005 U	0.007 U	0.002 J	0.006 U	0.005 U
Styrene	MG/KG	-	-	0.005 U	0.007 U	0.006 U	0.006 U	0.005 U
Tetrachloroethene	MG/KG	1.4	-	0.005	0.007 U	0.006 U	0.006 U	0.005 U
Toluene	MG/KG	1.5	-	0.002 J	0.007 U	0.006 U	0.006 U	0.005 U
Trichlorofluoromethane	MG/KG	-	-	0.005 U	0.007 U	0.006 U	0.006 U	0.005 U
Xylene (total)	MG/KG	1.2	-	0.003 J	0.020 U	0.011 J	0.017 U	0.016 U
Total BTEX	MG/KG	-	-	0.006	ND	0.021	ND	ND
Total Volatile Organic Compounds	MG/KG	10	-	0.011	0.003	0.165	ND	ND
Semivolatile Organic Compounds								
1,1-Biphenyl	MG/KG	50	-	1.8 U	NA	0.090 J	1.6 U	0.37 U
2,4-Dimethylphenol	MG/KG	50	-	1.8 U	NA	0.53 U	1.6 U	0.37 U

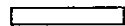
Criteria (1)- NYSDEC TAGM: Determination of Soil Cleanup Objectives and Cleanup Levels; HWR-94-4046 January 24, 1994 (Revised).

Criteria (2)- Eastern USA Background Concentrations from NYSDEC TAGM: HWR-94-4046 January 24, 1994 (Revised).

Flags assigned during chemistry validation are shown.



Concentration Exceeds Criteria (1)



Concentration Exceeds Criteria (2)

J - The reported concentration is an estimated value. U - Not detected above the reported quantitation limit.

D - Result reported from a secondary dilution analysis.

E - The actual sample concentration exceeds the reported concentration, but could not be accurately determined during analysis (used for natural oxidant demand only).

NA - Not Analyzed

Only Detected Results Reported.

Detection Limits shown are PQL

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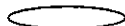
TABLE 4-3
SUMMARY OF DETECTED RI SUBSURFACE SOIL ANALYTICAL RESULTS
NYSEG - FORMER TRANSIT STREET MGP SITE
LOCKPORT, NEW YORK

Location ID				GB-18	GB-18	GB-19	GB-20	GB-20
Sample ID				GB-18 (0.5-1.5)	GB-18 (6.5-7)	GB-19 (7-8)	GB-20 (4-6)	GB-20 (7.5-8.5)
Matrix				Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)				0.5-1.5	6.5-7.0	7.0-8.0	4.0-6.0	7.5-8.5
Date Sampled				06/01/05	06/01/05	05/31/05	06/01/05	06/01/05
Parameter	Units	Criteria (1)	Criteria (2)					
Semivolatile Organic Compounds								
2-Chloronaphthalene	MG/KG	50	-	1.8 U	NA	0.53 U	1.6 U	0.37 U
2-Methylnaphthalene	MG/KG	36.4	-	1.8 U	NA	0.093 J	1.6 U	0.055 J
4-Chloroaniline	MG/KG	0.22 or MDL	-	1.8 U	NA	0.53 U	1.6 U	0.14 J
4-Methylphenol (p-cresol)	MG/KG	0.9	-	1.8 U	NA	0.53 U	1.6 U	0.37 U
Acenaphthene	MG/KG	50	-	1.8 U	NA	1.8	1.6 U	0.37 U
Acenaphthylene	MG/KG	41	-	1.8 U	NA	0.40 J	1.6 U	0.37 U
Anthracene	MG/KG	50	-	1.8 U	NA	1.1	1.6 U	0.37 U
Benzo(a)anthracene	MG/KG	0.224 or MDL	-	0.95 J	NA	0.77	0.087 J	0.37 U
Benzo(a)pyrene	MG/KG	0.061 or MDL	-	1.2 J	NA	0.66	0.087 J	0.37 U
Benzo(b)fluoranthene	MG/KG	1.1	-	1.5 J	NA	0.88	0.10 J	0.37 U
Benzo(g,h,i)perylene	MG/KG	50	-	0.69 J	NA	0.70	1.6 U	0.37 U
Benzo(k)fluoranthene	MG/KG	1.1	-	0.44 J	NA	0.30 J	1.6 U	0.37 U
bis(2-Ethylhexyl)phthalate	MG/KG	50	-	1.8 U	NA	0.53 U	1.6 U	0.37 U
Butylbenzylphthalate	MG/KG	50	-	1.8 U	NA	0.53 U	1.6 U	0.37 U
Carbazole	MG/KG	50	-	1.8 U	NA	0.30 J	1.6 U	0.37 U
Chrysene	MG/KG	0.4	-	0.80 J	NA	0.84	1.6 U	0.37 U
Dibenz(a,h)anthracene	MG/KG	0.014 or MDL	-	0.23 J	NA	0.21 J	1.6 U	0.37 U
Dibenzofuran	MG/KG	6.2	-	1.8 U	NA	0.53 U	1.6 U	0.37 U
Fluoranthene	MG/KG	50	-	0.56 J	NA	1.0	0.13 J	0.37 U
Fluorene	MG/KG	50	-	1.8 U	NA	0.73	1.6 U	0.37 U

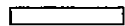
Criteria (1)- NYSDEC TAGM: Determination of Soil Cleanup Objectives and Cleanup Levels; HWR-94-4046 January 24, 1994 (Revised).

Criteria (2)- Eastern USA Background Concentrations from NYSDEC TAGM: HWR-94-4046 January 24, 1994 (Revised).

Flags assigned during chemistry validation are shown.



Concentration Exceeds Criteria (1)



Concentration Exceeds Criteria (2)

J - The reported concentration is an estimated value. U - Not detected above the reported quantitation limit.

D - Result reported from a secondary dilution analysis.

E - The actual sample concentration exceeds the reported concentration, but could not be accurately determined during analysis (used for natural oxidant demand only).

NA - Not Analyzed

Only Detected Results Reported.

Detection Limits shown are PQL

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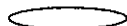
TABLE 4-3
SUMMARY OF DETECTED RI SUBSURFACE SOIL ANALYTICAL RESULTS
NYSEG - FORMER TRANSIT STREET MGP SITE
LOCKPORT, NEW YORK

Location ID				GB-18	GB-18	GB-19	GB-20	GB-20
Sample ID				GB-18 (0.5-1.5)	GB-18 (6.5-7)	GB-19 (7-8)	GB-20 (4-6)	GB-20 (7.5-8.5)
Matrix				Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)				0.5-1.5	6.5-7.0	7.0-8.0	4.0-6.0	7.5-8.5
Date Sampled				06/01/05	06/01/05	05/31/05	06/01/05	06/01/05
Parameter	Units	Criteria (1)	Criteria (2)					
Semivolatile Organic Compounds								
Indeno(1,2,3-cd)pyrene	MG/KG	3.2	-	0.69 J	NA	0.62	1.6 U	0.37 U
Naphthalene	MG/KG	13	-	0.44 J	NA	0.41 J	1.6 U	0.43
Phenanthrene	MG/KG	50	-	0.17 J	NA	0.82	1.6 U	0.37 U
Pyrene	MG/KG	50	-	0.50 J	NA	1.6	0.089 J	0.37 U
Total Carcinogenic PAHs	MG/KG	-	-	5.81	NA	4.48	0.274	ND
Total Non-Carcinogenic PAHs	MG/KG	-	-	2.36	NA	8.653	0.219	0.485
Total Polycyclic Aromatic Hydrocarbons	MG/KG	-	-	8.17	NA	13.133	0.493	0.485
Total Semivolatile Organic Compounds	MG/KG	500	-	8.17	NA	13.523	0.493	0.625
Polychlorinated Biphenyls								
Aroclor 1248	MG/KG	10	-	0.018 U	NA	0.027 U	0.020 U	0.019 U
Aroclor 1254	MG/KG	10	-	0.018 U	NA	0.027 U	0.020 U	0.019 U
Total Polychlorinated Biphenyls	MG/KG	10	-	ND	NA	ND	ND	ND
Metals								
Aluminum	MG/KG	SB	33000	3,590 J	NA	5,760	3,730 J	2,560 J
Arsenic	MG/KG	7.5	3-12	3.4	NA	4.9 J	2.3 U	2.4 U
Barium	MG/KG	300	15-600	57.3	NA	89.3 J	335	33.5
Beryllium	MG/KG	0.16	0-1.75	0.22 U	NA	0.42 J	0.23 U	0.24 U
Cadmium	MG/KG	1	0.1-1	0.22 UJ	NA	0.31 UJ	0.26 J	0.24 UJ
Calcium	MG/KG	SB	130-35000	73,300	NA	145,000	97,800	74,300
Chromium	MG/KG	10	1.5-40	4.8 J	NA	7.8 J	5.7 J	3.5 J

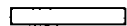
Criteria (1)- NYSDEC TAGM: Determination of Soil Cleanup Objectives and Cleanup Levels; HWR-94-4046 January 24, 1994 (Revised).

Criteria (2)- Eastern USA Background Concentrations from NYSDEC TAGM: HWR-94-4046 January 24, 1994 (Revised).

Flags assigned during chemistry validation are shown.



Concentration Exceeds Criteria (1)



Concentration Exceeds Criteria (2)

J - The reported concentration is an estimated value. U - Not detected above the reported quantitation limit.

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NA - Not Analyzed

Only Detected Results Reported.

Detection Limits shown are PQL

Advanced Selection: Transit RI SB
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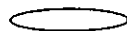
TABLE 4-3
SUMMARY OF DETECTED RI SUBSURFACE SOIL ANALYTICAL RESULTS
NYSEG - FORMER TRANSIT STREET MGP SITE
LOCKPORT, NEW YORK

Location ID				GB-18	GB-18	GB-19	GB-20	GB-20
Sample ID				GB-18 (0.5-1.5)	GB-18 (6.5-7)	GB-19 (7-8)	GB-20 (4-6)	GB-20 (7.5-8.5)
Matrix				Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)				0.5-1.5	6.5-7.0	7.0-8.0	4.0-6.0	7.5-8.5
Date Sampled				06/01/05	06/01/05	05/31/05	06/01/05	06/01/05
Parameter	Units	Criteria (1)	Criteria (2)					
Metals								
Cobalt	MG/KG	30	2.5-60	3.1 J	NA	5.3 J	3.1 J	3.1 J
Copper	MG/KG	25	1-50	18.6 J	NA	22.7 J	26.1 J	8.3 J
Iron	MG/KG	2000	2000-550000	7,160	NA	9,330 J	6,480	4,990
Lead	MG/KG	SB	500	86.5	NA	90.4	185	1.8
Magnesium	MG/KG	SB	100-5000	16,100	NA	38,800	8,290	5,900
Manganese	MG/KG	SB	50-5000	383	NA	473 J	1,170	799
Mercury	MG/KG	0.1	0.001-0.2	0.317 J	NA	0.521	0.234 J	0.015 UJ
Nickel	MG/KG	13	0.5-25	6.4 J	NA	9.5 J	8.7 J	5.4 J
Potassium	MG/KG	SB	8500-43000	871 J	NA	1,520	1,500 J	711 J
Sodium	MG/KG	SB	6000-8000	178 J	NA	562 J	307 J	170 UJ
Vanadium	MG/KG	150	1-300	6.9 J	NA	11.3 J	7.9 J	5.1 J
Zinc	MG/KG	20	9-50	45.1	NA	65.7 J	153	14.3
Miscellaneous Parameters								
Total Cyanide	MG/KG	-	-	0.82 UJ	NA	4.0 J	1.2 UJ	1.2 UJ
Phenolics, Total Recoverable	MG/KG	-	-	5.7 U	NA	7.7 U	6.2 U	5.9 U
Total Organic Carbon (TOC)	MG/KG	-	-	NA	NA	61,600	64,300	NA
Total Cyanide (Secondary Lab)	MG/KG	-	-	NA	NA	0.52	NA	NA
Free Cyanide	MG/KG	-	-	NA	NA	0.14	NA	NA
Ferric/Ferrous Iron Cyanide Complex	MG/KG	-	-	NA	NA	0.06	NA	NA
Unknown Iron Cyanide Complex	MG/KG	-	-	NA	NA	0 U	NA	NA

Criteria (1)- NYSDEC TAGM: Determination of Soil Cleanup Objectives and Cleanup Levels; HWR-94-4046 January 24, 1994 (Revised).

Criteria (2)- Eastern USA Background Concentrations from NYSDEC TAGM: HWR-94-4046 January 24, 1994 (Revised).

Flags assigned during chemistry validation are shown.



Concentration Exceeds Criteria (1)



Concentration Exceeds Criteria (2)

J - The reported concentration is an estimated value. U - Not detected above the reported quantitation limit.

D - Result reported from a secondary dilution analysis.

E - The actual sample concentration exceeds the reported concentration, but could not be accurately determined during analysis (used for natural oxidant demand only).

NA - Not Analyzed

Only Detected Results Reported.

Detection Limits shown are PQL

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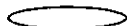
TABLE 4-3
SUMMARY OF DETECTED RI SUBSURFACE SOIL ANALYTICAL RESULTS
NYSEG - FORMER TRANSIT STREET MGP SITE
LOCKPORT, NEW YORK

Location ID				GB-18	GB-18	GB-19	GB-20	GB-20
Sample ID				GB-18 (0.5-1.5)	GB-18 (6.5-7)	GB-19 (7-8)	GB-20 (4-6)	GB-20 (7.5-8.5)
Matrix				Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)				0.5-1.5	6.5-7.0	7.0-8.0	4.0-6.0	7.5-8.5
Date Sampled				06/01/05	06/01/05	05/31/05	06/01/05	06/01/05
Parameter	Units	Criteria (1)	Criteria (2)					
Miscellaneous Parameters								
Natural Oxidant Demand (Low Dose)	G/KG	-	-	NA	NA	3.3 E	3.3 E	NA
Natural Oxidant Demand (Medium Dose)	G/KG	-	-	NA	NA	16.7 E	16.4 E	NA
Natural Oxidant Demand (High Dose)	G/KG	-	-	NA	NA	33.3 E	30.3	NA

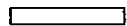
Criteria (1)- NYSDEC TAGM: Determination of Soil Cleanup Objectives and Cleanup Levels; HWR-94-4046 January 24, 1994 (Revised).

Criteria (2)- Eastern USA Background Concentrations from NYSDEC TAGM: HWR-94-4046 January 24, 1994 (Revised).

Flags assigned during chemistry validation are shown.



Concentration Exceeds Criteria (1)



Concentration Exceeds Criteria (2)

J - The reported concentration is an estimated value. U - Not detected above the reported quantitation limit.

D - Result reported from a secondary dilution analysis.

E - The actual sample concentration exceeds the reported concentration, but could not be accurately determined during analysis (used for natural oxidant demand only).

NA - Not Analyzed

Only Detected Results Reported.

Detection Limits shown are PQL

Advanced Selection: Transit RI SB
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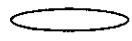
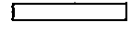
TABLE 4-3
SUMMARY OF DETECTED RI SUBSURFACE SOIL ANALYTICAL RESULTS
NYSEG - FORMER TRANSIT STREET MGP SITE
LOCKPORT, NEW YORK

Location ID				GB-21	GB-22	GB-23	GB-23	GB-24
Sample ID				GB-21 (7-8)	GB-22 (7-8)	GB-23 (3-4)	GB-23 (6.4-8.4)	GB-24 (6-8)
Matrix				Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)				7.0-8.0	7.0-8.0	3.0-4.0	6.4-8.4	6.0-8.0
Date Sampled				05/31/05	06/01/05	05/31/05	05/31/05	06/01/05
Parameter	Units	Criteria (1)	Criteria (2)					
Volatile Organic Compounds								
1,2-Dichloroethene (cis)	MG/KG	-	-	0.006 U	0.007 U	NA	0.008 U	0.006 U
Acetone	MG/KG	0.2	-	0.041	0.14	NA	0.14	0.029 U
Benzene	MG/KG	0.06	-	0.004 J	0.27	NA	0.065	0.006 U
Carbon disulfide	MG/KG	2.7	-	0.001 J	0.007 U	NA	0.002 J	0.006 U
Cyclohexane	MG/KG	-	-	0.003 J	0.26	NA	0.005 J	0.006 U
Dichlorodifluoromethane	MG/KG	-	-	0.006 U	0.007 U	NA	0.008 U	0.006 U
Ethylbenzene	MG/KG	5.5	-	0.13	3.3 D	NA	4.3 D	0.006 U
Isopropylbenzene (Cumene)	MG/KG	2.3	-	0.077	0.12	NA	2.8 D	0.003 J
Methyl ethyl ketone (2-Butanone)	MG/KG	0.3	-	0.024 J	0.048	NA	0.052	0.011 J
Methylcyclohexane	MG/KG	-	-	0.002 J	0.20	NA	0.009	0.006 U
Styrene	MG/KG	-	-	0.006 U	0.007 U	NA	0.008 U	0.006 U
Tetrachloroethene	MG/KG	1.4	-	0.006 U	0.006 J	NA	0.008 U	0.004 J
Toluene	MG/KG	1.5	-	0.002 J	0.017	NA	0.054	0.006 U
Trichlorofluoromethane	MG/KG	-	-	0.006 U	0.007 U	NA	0.008 U	0.006 U
Xylene (total)	MG/KG	1.2	-	0.27	6.0 D	NA	18 D	0.017 U
Total BTEX	MG/KG	-	-	0.406	9.587	NA	22.419	ND
Total Volatile Organic Compounds	MG/KG	10	-	0.554	10.361	NA	25.427	0.018
Semivolatile Organic Compounds								
1,1-Biphenyl	MG/KG	50	-	2.6 J	2.7 U	NA	6.3	0.43 U
2,4-Dimethylphenol	MG/KG	50	-	4.1 U	2.7 U	NA	5.2 U	0.43 U

Criteria (1)- NYSDEC TAGM: Determination of Soil Cleanup Objectives and Cleanup Levels; HWR-94-4046 January 24, 1994 (Revised).

Criteria (2)- Eastern USA Background Concentrations from NYSDEC TAGM: HWR-94-4046 January 24, 1994 (Revised).

Flags assigned during chemistry validation are shown.

 Concentration Exceeds Criteria (1)
 Concentration Exceeds Criteria (2)

J - The reported concentration is an estimated value. U - Not detected above the reported quantitation limit.

D - Result reported from a secondary dilution analysis.

E - The actual sample concentration exceeds the reported concentration, but could not be accurately determined during analysis (used for natural oxidant demand only).

NA - Not Analyzed

Only Detected Results Reported.

Detection Limits shown are PQL

Advanced Selection: Transit RI Site
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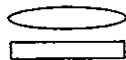
TABLE 4-3
SUMMARY OF DETECTED RI SUBSURFACE SOIL ANALYTICAL RESULTS
NYSEG - FORMER TRANSIT STREET MGP SITE
LOCKPORT, NEW YORK

Location ID				GB-21	GB-22	GB-23	GB-23	GB-24
Sample ID				GB-21 (7-8)	GB-22 (7-8)	GB-23 (3-4)	GB-23 (6.4-8.4)	GB-24 (6-8)
Matrix				Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)				7.0-8.0	7.0-8.0	3.0-4.0	6.4-8.4	6.0-8.0
Date Sampled				05/31/05	06/01/05	05/31/05	05/31/05	06/01/05
Parameter	Units	Criteria (1)	Criteria (2)					
Semivolatile Organic Compounds								
2-Chloronaphthalene	MG/KG	50	-	4.1 U	2.7 U	NA	5.2 U	0.43 U
2-Methylnaphthalene	MG/KG	36.4	-	3.0 J	0.58 J	NA	31	0.043 J
4-Chloroaniline	MG/KG	0.22 or MDL	-	4.1 U	2.7 U	NA	5.2 U	0.43 U
4-Methylphenol (p-cresol)	MG/KG	0.9	-	4.1 U	2.7 U	NA	5.2 U	0.43 U
Acenaphthene	MG/KG	50	-	14	0.77 J	NA	32	0.060 J
Acenaphthylene	MG/KG	41	-	3.6 J	0.25 J	NA	5.2	0.43 U
Anthracene	MG/KG	50	-	16	0.94 J	NA	24	0.43 U
Benzo(a)anthracene	MG/KG	0.224 or MDL	-	12	1.1 J	NA	18	0.046 J
Benzo(a)pyrene	MG/KG	0.061 or MDL	-	9.6	0.85 J	NA	12	0.43 U
Benzo(b)fluoranthene	MG/KG	1.1	-	9.8	0.86 J	NA	13	0.43 U
Benzo(g,h,i)perylene	MG/KG	50	-	5.3	0.38 J	NA	5.8	0.43 U
Benzo(k)fluoranthene	MG/KG	1.1	-	3.6 J	0.35 J	NA	4.0 J	0.43 U
bis(2-Ethylhexyl)phthalate	MG/KG	50	-	4.1 U	2.7 U	NA	5.2 U	0.43 U
Butylbenzylphthalate	MG/KG	50	-	4.1 U	2.7 U	NA	5.2 U	0.43 U
Carbazole	MG/KG	50	-	1.2 J	0.75 J	NA	2.9 J	0.43 U
Chrysene	MG/KG	0.4	-	10	0.96 J	NA	14	0.095 J
Dibenz(a,h)anthracene	MG/KG	0.014 or MDL	-	1.8 J	0.22 J	NA	2.2 J	0.43 U
Dibenzofuran	MG/KG	6.2	-	10	0.70 J	NA	18	0.43 U
Fluoranthene	MG/KG	50	-	30	1.7 J	NA	41	0.064 J
Fluorene	MG/KG	50	-	15	1.6 J	NA	29	0.038 J

Criteria (1)- NYSDEC TAGM: Determination of Soil Cleanup Objectives and Cleanup Levels; HWR-94-4046 January 24, 1994 (Revised).

Criteria (2)- Eastern USA Background Concentrations from NYSDEC TAGM: HWR-94-4046 January 24, 1994 (Revised).

Flags assigned during chemistry validation are shown.



Concentration Exceeds Criteria (1)

Concentration Exceeds Criteria (2)

J - The reported concentration is an estimated value. U - Not detected above the reported quantitation limit.

D - Result reported from a secondary dilution analysis.

E - The actual sample concentration exceeds the reported concentration, but could not be accurately determined during analysis (used for natural oxidant demand only).

NA - Not Analyzed

Only Detected Results Reported.

Detection Limits shown are PQL

Advanced Selection: Transit RI SBI
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TABLE 4-3
SUMMARY OF DETECTED RI SUBSURFACE SOIL ANALYTICAL RESULTS
NYSEG - FORMER TRANSIT STREET MGP SITE
LOCKPORT, NEW YORK

Location ID				GB-21	GB-22	GB-23	GB-23	GB-24
Sample ID				GB-21 (7-8)	GB-22 (7-8)	GB-23 (3-4)	GB-23 (6.4-8.4)	GB-24 (6-8)
Matrix				Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)				7.0-8.0	7.0-8.0	3.0-4.0	6.4-8.4	6.0-8.0
Date Sampled				05/31/05	06/01/05	05/31/05	05/31/05	06/01/05
Parameter	Units	Criteria (1)	Criteria (2)					
Semivolatile Organic Compounds								
Indeno(1,2,3-cd)pyrene	MG/KG	3.2	-	5.0	0.37 J	NA	5.6	0.43 U
Naphthalene	MG/KG	13	-	15	1.4 J	NA	100 D	0.43 U
Phenanthrene	MG/KG	50	-	24	2.4 J	NA	66	0.028 J
Pyrene	MG/KG	50	-	20	1.3 J	NA	28	0.064 J
Total Carcinogenic PAHs	MG/KG	-	-	51.8	4.71	NA	68.8	0.141
Total Non-Carcinogenic PAHs	MG/KG	-	-	145.9	11.32	NA	362	0.297
Total Polycyclic Aromatic Hydrocarbons	MG/KG	-	-	197.7	16.03	NA	430.8	0.438
Total Semivolatile Organic Compounds	MG/KG	500	-	211.5	17.48	NA	458	0.438
Polychlorinated Biphenyls								
Aroclor 1248	MG/KG	10	-	0.021 U	0.027 U	NA	0.026 U	0.022 U
Aroclor 1254	MG/KG	10	-	0.021 U	0.027 U	NA	0.026 U	0.022 U
Total Polychlorinated Biphenyls	MG/KG	10	-	ND	ND	NA	ND	ND
Metals								
Aluminum	MG/KG	SB	33000	3,980	10,100 J	NA	4,750	4,450 J
Arsenic	MG/KG	7.5	3-12	2.9 J	4.0	NA	3.2 UJ	3.7
Barium	MG/KG	300	15-600	88.8 J	529	NA	110 J	126
Beryllium	MG/KG	0.16	0-1.75	0.29 UJ	0.56	NA	0.32 UJ	0.27 U
Cadmium	MG/KG	1	0.1-1	0.29 UJ	0.36 J	NA	0.32 UJ	0.27 UJ
Calcium	MG/KG	SB	130-35000	116,000	70,700	NA	34,700	51,700
Chromium	MG/KG	10	1.5-40	5.6 J	18.8 J	NA	8.2 J	6.6 J

Criteria (1)- NYSDEC TAGM: Determination of Soil Cleanup Objectives and Cleanup Levels; HWR-94-4046 January 24, 1994 (Revised).

Criteria (2)- Eastern USA Background Concentrations from NYSDEC TAGM: HWR-94-4046 January 24, 1994 (Revised).

Flags assigned during chemistry validation are shown.

 Concentration Exceeds Criteria (1)
 Concentration Exceeds Criteria (2)

J - The reported concentration is an estimated value. U - Not detected above the reported quantitation limit.

D - Result reported from a secondary dilution analysis.

E - The actual sample concentration exceeds the reported concentration, but could not be accurately determined during analysis (used for natural oxidant demand only).

NA - Not Analyzed

Only Detected Results Reported.

Detection Limits shown are PQL

Advanced Selection: Transit RI SBI
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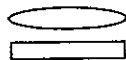
TABLE 4-3
SUMMARY OF DETECTED RI SUBSURFACE SOIL ANALYTICAL RESULTS
NYSEG - FORMER TRANSIT STREET MGP SITE
LOCKPORT, NEW YORK

Location ID				GB-21	GB-22	GB-23	GB-23	GB-24
Sample ID				GB-21 (7-8)	GB-22 (7-8)	GB-23 (3-4)	GB-23 (6.4-8.4)	GB-24 (6-8)
Matrix				Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)				7.0-8.0	7.0-8.0	3.0-4.0	6.4-8.4	6.0-8.0
Date Sampled				05/31/05	06/01/05	05/31/05	05/31/05	06/01/05
Parameter	Units	Criteria (1)	Criteria (2)					
Metals								
Cobalt	MG/KG	30	2.5-60	3.9 J	5.4 J	NA	4.2 J	5.0 J
Copper	MG/KG	25	1-50	14.7 J	32.2 J	NA	16.6 J	17.1 J
Iron	MG/KG	2000	2000-550000	7,590 J	14,400	NA	7,850 J	10,400
Lead	MG/KG	SB	500	48.8	35.7	NA	22.5	6.0
Magnesium	MG/KG	SB	100-5000	19,700	11,800	NA	7,010	5,100
Manganese	MG/KG	SB	50-5000	353 J	968	NA	436 J	1,260
Mercury	MG/KG	0.1	0.001-0.2	0.195	0.304 J	NA	0.493	0.050 J
Nickel	MG/KG	13	0.5-25	7.6 J	14.8 J	NA	8.5 J	10.9 J
Potassium	MG/KG	SB	8500-43000	1,040	1,930 J	NA	946	1,040 J
Sodium	MG/KG	SB	6000-8000	350 J	764 J	NA	307 J	280 J
Vanadium	MG/KG	150	1-300	7.0 J	15.9 J	NA	7.8 J	9.5 J
Zinc	MG/KG	20	9-50	40.3 J	74.1	NA	45.4 J	36.3
Miscellaneous Parameters								
Total Cyanide	MG/KG	-	-	1.0 UJ	1.1 UJ	NA	1.2 UJ	0.89 UJ
Phenolics, Total Recoverable	MG/KG	-	-	6.1 U	7.7 U	NA	8.1 U	6.9 U
Total Organic Carbon (TOC)	MG/KG	-	-	NA	NA	NA	64,400	NA
Total Cyanide (Secondary Lab)	MG/KG	-	-	NA	NA	NA	NA	NA
Free Cyanide	MG/KG	-	-	NA	NA	NA	NA	NA
Ferric/Ferrous Iron Cyanide Complex	MG/KG	-	-	NA	NA	NA	NA	NA
Unknown Iron Cyanide Complex	MG/KG	-	-	NA	NA	NA	NA	NA

Criteria (1)- NYSDEC TAGM: Determination of Soil Cleanup Objectives and Cleanup Levels; HWR-94-4046 January 24, 1994 (Revised).

Criteria (2)- Eastern USA Background Concentrations from NYSDEC TAGM: HWR-94-4046 January 24, 1994 (Revised).

Flags assigned during chemistry validation are shown.



Concentration Exceeds Criteria (1)

Concentration Exceeds Criteria (2)

J - The reported concentration is an estimated value. U - Not detected above the reported quantitation limit.

D - Result reported from a secondary dilution analysis.

E - The actual sample concentration exceeds the reported concentration, but could not be accurately determined during analysis (used for natural oxidant demand only).

NA - Not Analyzed

Only Detected Results Reported.

Detection Limits shown are PQL

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TABLE 4-3
SUMMARY OF DETECTED RI SUBSURFACE SOIL ANALYTICAL RESULTS
NYSEG - FORMER TRANSIT STREET MGP SITE
LOCKPORT, NEW YORK

Location ID				GB-21	GB-22	GB-23	GB-23	GB-24
Sample ID				GB-21 (7-8)	GB-22 (7-8)	GB-23 (3-4)	GB-23 (6.4-8.4)	GB-24 (6-8)
Matrix				Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)				7.0-8.0	7.0-8.0	3.0-4.0	6.4-8.4	6.0-8.0
Date Sampled				05/31/05	06/01/05	05/31/05	05/31/05	06/01/05
Parameter	Units	Criteria (1)	Criteria (2)					
Miscellaneous Parameters								
Natural Oxidant Demand (Low Dose)	G/KG	-	-	NA	NA	2.9	NA	NA
Natural Oxidant Demand (Medium Dose)	G/KG	-	-	NA	NA	8.8	NA	NA
Natural Oxidant Demand (High Dose)	G/KG	-	-	NA	NA	13.2	NA	NA

Criteria (1)- NYSDEC TAGM: Determination of Soil Cleanup Objectives and Cleanup Levels; HWR-94-4046 January 24, 1994 (Revised).

Criteria (2)- Eastern USA Background Concentrations from NYSDEC TAGM: HWR-94-4046 January 24, 1994 (Revised).

Flags assigned during chemistry validation are shown.



Concentration Exceeds Criteria (1)

Concentration Exceeds Criteria (2)

J - The reported concentration is an estimated value. U - Not detected above the reported quantitation limit.

D - Result reported from a secondary dilution analysis.

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NA - Not Analyzed

Only Detected Results Reported.

Detection Limits shown are PQL

Advanced Selection: Trans RI SB:
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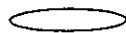
TABLE 4-3
SUMMARY OF DETECTED RI SUBSURFACE SOIL ANALYTICAL RESULTS
NYSEG - FORMER TRANSIT STREET MGP SITE
LOCKPORT, NEW YORK

Location ID				GB-24	GB-25	GB-26	GB-26	GB-27
Sample ID				GB-24 (9-9.8)	GB-25 (8-9)	GB-26 (8.5-9.5)	GB-26 (9.5-10.75)	GB-27 (7-8)
Matrix				Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)				9.0-9.8	8.0-9.0	8.5-9.5	9.5-10.8	7.0-8.0
Date Sampled				06/01/05	05/31/05	05/25/05	05/25/05	05/25/05
Parameter	Units	Criteria (1)	Criteria (2)					
Volatile Organic Compounds								
1,2-Dichloroethene (cis)	MG/KG	-	-	0.005 U	0.005 U	NA	6.6 U	0.006 U
Acetone	MG/KG	0.2	-	0.027 U	0.027 U	NA	33 U	0.029 U
Benzene	MG/KG	0.06	-	0.005 U	0.005 U	NA	6.6 U	0.31 J
Carbon disulfide	MG/KG	2.7	-	0.001 J	0.005 U	NA	6.6 U	0.006 U
Cyclohexane	MG/KG	-	-	0.002 J	0.005 U	NA	6.6 U	0.006 U
Dichlorodifluoromethane	MG/KG	-	-	0.005 U	0.005 U	NA	6.6 U	0.006 U
Ethylbenzene	MG/KG	5.5	-	0.005 U	0.005 U	NA	11	0.19
Isopropylbenzene (Cumene)	MG/KG	2.3	-	0.002 J	0.005 U	NA	6.6 U	0.008
Methyl ethyl ketone (2-Butanone)	MG/KG	0.3	-	0.052	0.021 J	NA	33 U	0.029 U
Methylcyclohexane	MG/KG	-	-	0.004 J	0.005 U	NA	6.6 U	0.006 U
Styrene	MG/KG	-	-	0.005 U	0.005 U	NA	14	0.006 U
Tetrachloroethene	MG/KG	1.4	-	0.005	0.005 U	NA	6.6 U	0.006 U
Toluene	MG/KG	1.5	-	0.003 J	0.005 U	NA	11	0.11
Trichlorofluoromethane	MG/KG	-	-	0.005 U	0.005 U	NA	6.6 U	0.006 U
Xylene (total)	MG/KG	1.2	-	0.016 U	0.016 U	NA	75	0.10
Total BTEX	MG/KG	-	-	0.003	ND	NA	97	0.71
Total Volatile Organic Compounds	MG/KG	10	-	0.069	0.021	NA	111	0.718
Semivolatile Organic Compounds								
1,1-Biphenyl	MG/KG	50	-	0.36 U	1.4 J	NA	15	0.39 U
2,4-Dimethylphenol	MG/KG	50	-	0.36 U	3.8 U	NA	7.1 U	0.39 U

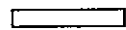
Criteria (1)- NYSDEC TAGM: Determination of Soil Cleanup Objectives and Cleanup Levels; HWR-94-4046 January 24, 1994 (Revised).

Criteria (2)- Eastern USA Background Concentrations from NYSDEC TAGM: HWR-94-4046 January 24, 1994 (Revised).

Flags assigned during chemistry validation are shown.



Concentration Exceeds Criteria (1)



Concentration Exceeds Criteria (2)

J - The reported concentration is an estimated value. U - Not detected above the reported quantitation limit.

D - Result reported from a secondary dilution analysis.

E - The actual sample concentration exceeds the reported concentration, but could not be accurately determined during analysis (used for natural oxidant demand only).

NA - Not Analyzed

Only Detected Results Reported.

Detection Limits shown are PQL

Advanced Selection: Transit RI SB:
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 [SITEID] = '01' AND ([SACODE] = 'N' OR [SACODE] = 'FO') AND [MATRIX] = 'SO' AND ([LOCID] LIKE 'GB-') AND ([LOGDATE] >= #2/17/200

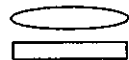
TABLE 4-3
SUMMARY OF DETECTED RI SUBSURFACE SOIL ANALYTICAL RESULTS
NYSEG - FORMER TRANSIT STREET MGP SITE
LOCKPORT, NEW YORK

Location ID				GB-24	GB-25	GB-26	GB-26	GB-27
Sample ID				GB-24 (9-9.8)	GB-25 (8-9)	GB-26 (8.5-9.5)	GB-26 (9.5-10.75)	GB-27 (7-8)
Matrix				Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)				9.0-9.8	8.0-9.0	8.5-9.5	9.5-10.8	7.0-8.0
Date Sampled				06/01/05	05/31/05	05/25/05	05/25/05	05/25/05
Parameter	Units	Criteria (1)	Criteria (2)					
Semivolatile Organic Compounds								
2-Chloronaphthalene	MG/KG	50	-	0.36 U	3.8 U	NA	7.1 U	0.39 U
2-Methylnaphthalene	MG/KG	36.4	-	0.36 U	4.9	NA	110	0.025 J
4-Chloroaniline	MG/KG	0.22 or MDL	-	0.36 U	3.8 U	NA	7.1 U	0.39 U
4-Methylphenol (p-cresol)	MG/KG	0.9	-	0.36 U	3.8 U	NA	7.1 U	0.39 U
Acenaphthene	MG/KG	50	-	0.051 J	2.2 J	NA	12	0.041 J
Acenaphthylene	MG/KG	41	-	0.36 U	6.0	NA	67	0.39 U
Anthracene	MG/KG	50	-	0.36 U	11	NA	46	0.39 U
Benzo(a)anthracene	MG/KG	0.224 or MDL	-	0.36 U	8.6	NA	30	0.39 U
Benzo(a)pyrene	MG/KG	0.061 or MDL	-	0.36 U	6.2	NA	20	0.39 U
Benzo(b)fluoranthene	MG/KG	1.1	-	0.36 U	6.0	NA	20	0.39 U
Benzo(g,h,i)perylene	MG/KG	50	-	0.36 U	3.0 J	NA	7.1	0.39 U
Benzo(k)fluoranthene	MG/KG	1.1	-	0.36 U	2.8 J	NA	8.2	0.39 U
bis(2-Ethylhexyl)phthalate	MG/KG	50	-	0.36 U	3.8 U	NA	7.1 U	0.39 U
Butylbenzylphthalate	MG/KG	50	-	0.36 U	3.8 U	NA	7.1 U	0.39 U
Carbazole	MG/KG	50	-	0.36 U	0.48 J	NA	7.9	0.39 U
Chrysene	MG/KG	0.4	-	0.36 U	6.8	NA	23	0.39 U
Dibenz(a,h)anthracene	MG/KG	0.014 or MDL	-	0.36 U	1.1 J	NA	3.0 J	0.39 U
Dibenzofuran	MG/KG	6.2	-	0.36 U	5.8	NA	34	0.39 U
Fluoranthene	MG/KG	50	-	0.36 U	21	NA	70	0.39 U
Fluorene	MG/KG	50	-	0.36 U	11	NA	58	0.39 U

Criteria (1)- NYSDEC TAGM: Determination of Soil Cleanup Objectives and Cleanup Levels; HWR-94-4046 January 24, 1994 (Revised).

Criteria (2)- Eastern USA Background Concentrations from NYSDEC TAGM: HWR-94-4046 January 24, 1994 (Revised).

Flags assigned during chemistry validation are shown.



Concentration Exceeds Criteria (1)

Concentration Exceeds Criteria (2)

J - The reported concentration is an estimated value. U - Not detected above the reported quantitation limit.

D - Result reported from a secondary dilution analysis.

E - The actual sample concentration exceeds the reported concentration, but could not be accurately determined during analysis (used for natural oxidant demand only).

NA - Not Analyzed

Only Detected Results Reported.

Detection Limits shown are PQL

Advanced Selection: Transit RI SB1
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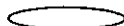
TABLE 4-3
SUMMARY OF DETECTED RI SUBSURFACE SOIL ANALYTICAL RESULTS
NYSEG - FORMER TRANSIT STREET MGP SITE
LOCKPORT, NEW YORK

Location ID				GB-24	GB-25	GB-26	GB-26	GB-27
Sample ID				GB-24 (9-9.8)	GB-25 (8-8)	GB-26 (8.5-9.5)	GB-26 (9.5-10.75)	GB-27 (7-8)
Matrix				Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)				9.0-9.8	8.0-9.0	8.5-9.5	9.5-10.8	7.0-8.0
Date Sampled				06/01/05	05/31/05	05/25/05	05/25/05	05/25/05
Parameter	Units	Criteria (1)	Criteria (2)					
Semivolatile Organic Compounds								
Indeno(1,2,3-cd)pyrene	MG/KG	3.2	-	0.36 U	2.7 J	NA	7.1	0.39 U
Naphthalene	MG/KG	13	-	0.36 U	0.62 J	NA	270 D	0.10 J
Phenanthrene	MG/KG	50	-	0.36 U	31	NA	120 D	0.028 J
Pyrene	MG/KG	50	-	0.040 J	15	NA	55	0.39 U
Total Carcinogenic PAHs	MG/KG	-	-	ND	34.2	NA	111.3	ND
Total Non-Carcinogenic PAHs	MG/KG	-	-	0.091	105.72	NA	815.1	0.194
Total Polycyclic Aromatic Hydrocarbons	MG/KG	-	-	0.091	139.92	NA	926.4	0.194
Total Semivolatile Organic Compounds	MG/KG	500	-	0.091	147.6	NA	983.3	0.194
Polychlorinated Biphenyls								
Aroclor 1248	MG/KG	10	-	0.018 U	0.019 U	NA	0.018 U	0.020 U
Aroclor 1254	MG/KG	10	-	0.018 U	0.019 U	NA	0.018 U	0.020 U
Total Polychlorinated Biphenyls	MG/KG	10	-	ND	ND	NA	ND	ND
Metals								
Aluminum	MG/KG	SB	33000	2,180 J	5,250	NA	2,930 J	4,600 J
Arsenic	MG/KG	7.5	3-12	5.3	2.5 J	NA	5.8 J	2.2 UJ
Barium	MG/KG	300	15-600	58.3	80.1 J	NA	35.6 J	30.2 J
Beryllium	MG/KG	0.16	0-1.75	0.22 U	0.27 J	NA	0.21 U	0.22
Cadmium	MG/KG	1	0.1-1	0.22 UJ	0.22 UJ	NA	0.21 U	0.22 U
Calcium	MG/KG	SB	130-35000	107,000	28,300	NA	89,300 J	37,200 J
Chromium	MG/KG	10	1.5-40	3.5 J	8.1 J	NA	7.3 J	7.1 J

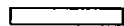
Criteria (1)- NYSDEC TAGM: Determination of Soil Cleanup Objectives and Cleanup Levels; HWR-94-4046 January 24, 1994 (Revised).

Criteria (2)- Eastern USA Background Concentrations from NYSDEC TAGM: HWR-94-4046 January 24, 1994 (Revised).

Flags assigned during chemistry validation are shown.



Concentration Exceeds Criteria (1)



Concentration Exceeds Criteria (2)

J - The reported concentration is an estimated value. U - Not detected above the reported quantitation limit.

D - Result reported from a secondary dilution analysis.

E - The actual sample concentration exceeds the reported concentration, but could not be accurately determined during analysis (used for natural oxidant demand only).

NA - Not Analyzed

Only Detected Results Reported.

Detection Limits shown are PQL

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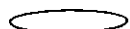
TABLE 4-3
SUMMARY OF DETECTED RI SUBSURFACE SOIL ANALYTICAL RESULTS
NYSEG - FORMER TRANSIT STREET MGP SITE
LOCKPORT, NEW YORK

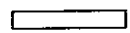
Location ID				GB-24	GB-25	GB-26	GB-26	GB-27
Sample ID				GB-24 (9-9.8)	GB-25 (8-9)	GB-26 (8.5-9.5)	GB-26 (9.5-10.75)	GB-27 (7-8)
Matrix				Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)				9.0-9.8	8.0-9.0	8.5-9.5	9.5-10.8	7.0-8.0
Date Sampled				06/01/05	05/31/05	05/25/05	05/25/05	05/25/05
Parameter	Units	Criteria (1)	Criteria (2)					
Metals								
Cobalt	MG/KG	30	2.5-60	3.2 J	5.4 J	NA	3.7 J	5.1 J
Copper	MG/KG	25	1-50	17.4 J	11.8 J	NA	24.6 J	9.7 J
Iron	MG/KG	2000	2000-550000	7,380	10,800 J	NA	7,200 J	8,440 J
Lead	MG/KG	SB	500	4.7	8.2	NA	5.9 J	16.2 J
Magnesium	MG/KG	SB	100-5000	10,800	7,780	NA	10,100 J	7,780 J
Manganese	MG/KG	SB	50-5000	748	318 J	NA	640 J	396 J
Mercury	MG/KG	0.1	0.001-0.2	0.017 UJ	0.032	NA	0.017 U	0.021 U
Nickel	MG/KG	13	0.5-25	5.0 J	11.1 J	NA	6.1 J	9.9 J
Potassium	MG/KG	SB	8500-43000	614 J	1,030	NA	853 J	942 J
Sodium	MG/KG	SB	6000-8000	210 J	313 J	NA	500 J	314 J
Vanadium	MG/KG	150	1-300	5.4 J	10.5 J	NA	7.6 J	9.5 J
Zinc	MG/KG	20	9-50	17.5	40.7 J	NA	19.6 J	43.4 J
Miscellaneous Parameters								
Total Cyanide	MG/KG	-	-	1.2 J	0.83 UJ	NA	1.1 UJ	1.2 UJ
Phenolics, Total Recoverable	MG/KG	-	-	5.6 U	6.0 U	NA	5.2 U	5.2 U
Total Organic Carbon (TOC)	MG/KG	-	-	NA	NA	38,000	NA	NA
Total Cyanide (Secondary Lab)	MG/KG	-	-	0.12	NA	NA	NA	NA
Free Cyanide	MG/KG	-	-	0.04 U	NA	NA	NA	NA
Ferric/Ferrous Iron Cyanide Complex	MG/KG	-	-	0.03	NA	NA	NA	NA
Unknown Iron Cyanide Complex	MG/KG	-	-	0.01	NA	NA	NA	NA

Criteria (1)- NYSDEC TAGM: Determination of Soil Cleanup Objectives and Cleanup Levels; HWR-94-4046 January 24, 1994 (Revised).

Criteria (2)- Eastern USA Background Concentrations from NYSDEC TAGM: HWR-94-4046 January 24, 1994 (Revised).

Flags assigned during chemistry validation are shown.

 Concentration Exceeds Criteria (1)

 Concentration Exceeds Criteria (2)

J - The reported concentration is an estimated value. U - Not detected above the reported quantitation limit.

D - Result reported from a secondary dilution analysis.

E - The actual sample concentration exceeds the reported concentration, but could not be accurately determined during analysis (used for natural oxidant demand only).

NA - Not Analyzed

Only Detected Results Reported.

Detection Limits shown are PQL

Advanced Selection: Transit RI SBI
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 [SITEID] = '01' AND ([SACODE] = 'N' OR [SACODE] = 'FD') AND ([MATRIX] = 'SO' AND [LOCID] LIKE 'GB-*' AND [LOGDATE] >= #2/17/200

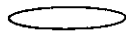
TABLE 4-3
SUMMARY OF DETECTED RI SUBSURFACE SOIL ANALYTICAL RESULTS
NYSEG - FORMER TRANSIT STREET MGP SITE
LOCKPORT, NEW YORK

Location ID				GB-24	GB-25	GB-26	GB-26	GB-27
Sample ID				GB-24 (9-9.8)	GB-25 (8-9)	GB-26 (8.5-9.5)	GB-26 (9.5-10.75)	GB-27 (7-8)
Matrix				Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)				9.0-9.8	8.0-9.0	8.5-9.5	9.5-10.8	7.0-8.0
Date Sampled				06/01/05	05/31/05	05/25/05	05/25/05	05/25/05
Parameter	Units	Criteria (1)	Criteria (2)					
Miscellaneous Parameters								
Natural Oxidant Demand (Low Dose)	G/KG	-	-	NA	NA	3.2	NA	NA
Natural Oxidant Demand (Medium Dose)	G/KG	-	-	NA	NA	15.9	NA	NA
Natural Oxidant Demand (High Dose)	G/KG	-	-	NA	NA	23.4	NA	NA

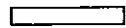
Criteria (1)- NYSDEC TAGM: Determination of Soil Cleanup Objectives and Cleanup Levels; HWR-94-4046 January 24, 1994 (Revised).

Criteria (2)- Eastern USA Background Concentrations from NYSDEC TAGM: HWR-94-4046 January 24, 1994 (Revised).

Flags assigned during chemistry validation are shown.



Concentration Exceeds Criteria (1)



Concentration Exceeds Criteria (2)

J - The reported concentration is an estimated value. U - Not detected above the reported quantitation limit.

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E - The actual sample concentration exceeds the reported concentration, but could not be accurately determined during analysis (used for natural oxidant demand only).

NA - Not Analyzed

Only Detected Results Reported.

Detection Limits shown are PQL

Advanced Selection: Transit RI SD1
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TABLE 4-3
SUMMARY OF DETECTED RI SUBSURFACE SOIL ANALYTICAL RESULTS
NYSEG - FORMER TRANSIT STREET MGP SITE
LOCKPORT, NEW YORK

Location ID				GB-27	GB-40	GB-41	GB-42	GB-42
Sample ID				GB-27 (11-12)	GB-40 (9.8-10.8)	GB-41 (9.5-10.5)	DUP-06	GB-42 (6-8)
Matrix				Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)				11.0-12.0	9.8-10.8	9.5-10.5	6.0-8.0	6.0-8.0
Date Sampled				05/25/05	05/25/05	05/25/05	06/01/05	06/01/05
Parameter	Units	Criteria (1)	Criteria (2)				Field Duplicate (1-1)	
Volatile Organic Compounds								
1,2-Dichloroethene (cis)	MG/KG	-	-	0.006 U	0.006 U	0.006 U	0.006 U	0.006 U
Acetone	MG/KG	0.2	-	0.028 U	0.029 U	0.030 U	0.030 U	0.039
Benzene	MG/KG	0.06	-	0.072	0.006 U	0.006 U	0.006 U	0.006 U
Carbon disulfide	MG/KG	2.7	-	0.006 U	0.006 U	0.006 U	0.006 U	0.006 U
Cyclohexane	MG/KG	-	-	0.006 U	0.006 U	0.006 U	0.006 U	0.006 U
Dichlorodifluoromethane	MG/KG	-	-	0.006 U	0.006 U	0.006 U	0.006 U	0.002 J
Ethylbenzene	MG/KG	5.5	-	0.14	0.006 U	0.006 U	0.007	0.13
Isopropylbenzene (Cumene)	MG/KG	2.3	-	0.007	0.006 U	0.006 U	0.006	0.028
Methyl ethyl ketone (2-Butanone)	MG/KG	0.3	-	0.028 U	0.029 U	0.030 U	0.030 U	0.038
Methylcyclohexane	MG/KG	-	-	0.006 U	0.006 U	0.006 U	0.006 U	0.006 U
Styrene	MG/KG	-	-	0.006 U	0.006 U	0.006 U	0.006 U	0.006 U
Tetrachloroethene	MG/KG	1.4	-	0.006 U	0.006 U	0.006 U	0.006	0.012
Toluene	MG/KG	1.5	-	0.10	0.004 J	0.003 J	0.002 J	0.007
Trichlorofluoromethane	MG/KG	-	-	0.006 U	0.006 U	0.006 U	0.006 U	0.002 J
Xylene (total)	MG/KG	1.2	-	0.087	0.017 U	0.018 U	0.004 J	0.037
Total BTEX	MG/KG	-	-	0.399	0.004	0.003	0.013	0.174
Total Volatile Organic Compounds	MG/KG	10	-	0.406	0.004	0.003	0.025	0.295
Semivolatile Organic Compounds								
1,1-Biphenyl	MG/KG	50	-	0.36 U	0.40 U	0.81 U	0.42 J	0.33 J
2,4-Dimethylphenol	MG/KG	50	-	0.36 U	0.40 U	0.81 U	1.6 U	0.40 U

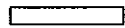
Criteria (1)- NYSDEC TAGM: Determination of Soil Cleanup Objectives and Cleanup Levels; HWR-94-4046 January 24, 1994 (Revised).

Criteria (2)- Eastern USA Background Concentrations from NYSDEC TAGM: HWR-94-4046 January 24, 1994 (Revised).

Flags assigned during chemistry validation are shown.



Concentration Exceeds Criteria (1)



Concentration Exceeds Criteria (2)

J - The reported concentration is an estimated value. U - Not detected above the reported quantitation limit.

D - Result reported from a secondary dilution analysis.

E - The actual sample concentration exceeds the reported concentration, but could not be accurately determined during analysis (used for natural oxidant demand only).

NA - Not Analyzed

Only Detected Results Reported.

Detection Limits shown are PQL

Advanced Selection: Transit RI SBr
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TABLE 4-3
SUMMARY OF DETECTED RI SUBSURFACE SOIL ANALYTICAL RESULTS
NYSEG - FORMER TRANSIT STREET MGP SITE
LOCKPORT, NEW YORK

Location ID				GB-27	GB-40	GB-41	GB-42	GB-42
Sample ID				GB-27 (11-12)	GB-40 (9.8-10.8)	GB-41 (9.5-10.5)	DUP-06	GB-42 (6-8)
Matrix				Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)				11.0-12.0	9.8-10.8	9.5-10.5	6.0-8.0	6.0-8.0
Date Sampled				05/25/05	05/25/05	05/25/05	06/01/05	06/01/05
Parameter	Units	Criteria (1)	Criteria (2)				Field Duplicate (1-1)	
Semivolatile Organic Compounds								
2-Chloronaphthalene	MG/KG	50	-	0.36 U	0.40 U	0.81 U	1.6 U	0.40 U
2-Methylnaphthalene	MG/KG	36.4	-	0.16 J	0.022 J	0.056 J	1.7	0.11 J
4-Chloroaniline	MG/KG	0.22 or MDL	-	0.36 U	0.40 U	0.81 U	1.6 U	0.40 U
4-Methylphenol (p-cresol)	MG/KG	0.9	-	0.36 U	0.40 U	0.81 U	1.6 U	0.40 U
Acenaphthene	MG/KG	50	-	0.18 J	0.40 U	0.052 J	2.2	1.6
Acenaphthylene	MG/KG	41	-	0.36 U	0.079 J	0.26 J	0.68 J	0.51
Anthracene	MG/KG	50	-	0.022 J	0.14 J	0.53 J	2.0	1.4
Benzo(a)anthracene	MG/KG	0.224 or MDL	-	0.021 J	0.50	2.7	1.2 J	0.93
Benzo(a)pyrene	MG/KG	0.061 or MDL	-	0.36 U	0.49	2.3	0.86 J	0.73
Benzo(b)fluoranthene	MG/KG	1.1	-	0.36 U	0.75	2.6	0.62 J	0.57
Benzo(g,h,i)perylene	MG/KG	50	-	0.36 U	0.27 J	1.1	0.38 J	0.032 J
Benzo(k)fluoranthene	MG/KG	1.1	-	0.36 U	0.79	0.91	0.22 J	0.15 J
bis(2-Ethylhexyl)phthalate	MG/KG	50	-	0.36 U	0.40 U	0.81 U	1.6 U	0.40 U
Butylbenzylphthalate	MG/KG	50	-	0.36 U	0.40 U	0.81 U	1.6 U	0.40 U
Carbazole	MG/KG	50	-	0.36 U	0.030 J	0.14 J	1.6 U	0.40 U
Chrysene	MG/KG	0.4	-	0.36 U	0.47	2.3	0.94 J	0.74
Dibenz(a,h)anthracene	MG/KG	0.014 or MDL	-	0.36 U	0.096 J	0.42 J	0.13 J	0.12 J
Dibenzofuran	MG/KG	6.2	-	0.36 U	0.034 J	0.063 J	0.096 J	0.10 J
Fluoranthene	MG/KG	50	-	0.031 J	0.79	3.7	2.1	1.6
Fluorene	MG/KG	50	-	0.024 J	0.030 J	0.81 U	1.6	1.2

Criteria (1)- NYSDEC TAGM: Determination of Soil Cleanup Objectives and Cleanup Levels; HWR-94-4046 January 24, 1994 (Revised).

Criteria (2)- Eastern USA Background Concentrations from NYSDEC TAGM: HWR-94-4046 January 24, 1994 (Revised).

Flags assigned during chemistry validation are shown.



Concentration Exceeds Criteria (1)

Concentration Exceeds Criteria (2)

J - The reported concentration is an estimated value. U - Not detected above the reported quantitation limit.

D - Result reported from a secondary dilution analysis.

E - The actual sample concentration exceeds the reported concentration, but could not be accurately determined during analysis (used for natural oxidant demand only).

NA - Not Analyzed

Only Detected Results Reported.

Detection Limits shown are PQL

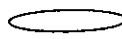
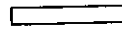
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TABLE 4-3
SUMMARY OF DETECTED RI SUBSURFACE SOIL ANALYTICAL RESULTS
NYSEG - FORMER TRANSIT STREET MGP SITE
LOCKPORT, NEW YORK

Location ID				GB-27	GB-40	GB-41	GB-42	GB-42
Sample ID				GB-27 (11-12)	GB-40 (9.8-10.8)	GB-41 (9.5-10.5)	DUP-06	GB-42 (6-8)
Matrix				Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)				11.0-12.0	9.8-10.8	9.5-10.5	6.0-8.0	6.0-8.0
Date Sampled				05/25/05	05/25/05	05/25/05	06/01/05	06/01/05
Parameter	Units	Criteria (1)	Criteria (2)				Field Duplicate (1-1)	
Semivolatile Organic Compounds								
Indeno(1,2,3-cd)pyrene	MG/KG	3.2	-	0.36 U	0.24 J	1.0	0.31 J	0.26 J
Naphthalene	MG/KG	13	-	0.31 J	0.037 J	0.21 J	0.49 J	0.51
Phenanthrene	MG/KG	50	-	0.079 J	0.49	1.1	6.0	4.4
Pyrene	MG/KG	50	-	0.038 J	0.70	3.3	2.8	2.2
Total Carcinogenic PAHs	MG/KG	-	-	0.021	3.336	12.23	4.28	3.5
Total Non-Carcinogenic PAHs	MG/KG	-	-	0.844	2.558	10.308	19.95	13.562
Total Polycyclic Aromatic Hydrocarbons	MG/KG	-	-	0.865	5.894	22.538	24.23	17.062
Total Semivolatile Organic Compounds	MG/KG	500	-	0.865	5.958	22.741	24.746	17.492
Polychlorinated Biphenyls								
Aroclor 1248	MG/KG	10	-	0.018 U	0.020 U	0.020 U	0.020 U	0.020 U
Aroclor 1254	MG/KG	10	-	0.018 U	0.020 U	0.020 U	0.020 U	0.020 U
Total Polychlorinated Biphenyls	MG/KG	10	-	ND	ND	ND	ND	ND
Metals								
Aluminum	MG/KG	SB	33000	3,900 J	5,400 J	6,060 J	7,240 J	6,190 J
Arsenic	MG/KG	7.5	3-12	2.1 UJ	5.4 J	4.0 J	4.0	5.7
Barium	MG/KG	300	15-600	24.3 J	82.0 J	53.5 J	173	193
Beryllium	MG/KG	0.16	0-1.75	0.22	0.34	0.33	0.33	0.27
Cadmium	MG/KG	1	0.1-1	0.21 U	0.21 U	0.23 U	0.25 UJ	0.25 UJ
Calcium	MG/KG	SB	130-35000	58,300 J	83,300 J	100,000 J	40,800	45,500
Chromium	MG/KG	10	1.5-40	5.5 J	7.2 J	7.5 J	12.6 J	10.0 J

Criteria (1)- NYSDEC TAGM: Determination of Soil Cleanup Objectives and Cleanup Levels; HWR-94-4046 January 24, 1994 (Revised).
 Criteria (2)- Eastern USA Background Concentrations from NYSDEC TAGM: HWR-94-4046 January 24, 1994 (Revised).

Flags assigned during chemistry validation are shown.

 Concentration Exceeds Criteria (1)
 Concentration Exceeds Criteria (2)

J - The reported concentration is an estimated value. U - Not detected above the reported quantitation limit.

D - Result reported from a secondary dilution analysis.

E - The actual sample concentration exceeds the reported concentration, but could not be accurately determined during analysis (used for natural oxidant demand only).

NA - Not Analyzed

Only Detected Results Reported.

Detection Limits shown are PQL

Advanced Selection: Transil RI SBI
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 Printed: 8/18/2008 8:10:04 AM
 [SITE] = '01' AND ([SACODE] = 'N' OR [SACODE] = 'FD') AND [MATRIX] = 'SO' AND [LOCID] LIKE 'GB-*' AND [LOGDATE] >= #2/17/200

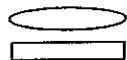
TABLE 4-3
SUMMARY OF DETECTED RI SUBSURFACE SOIL ANALYTICAL RESULTS
NYSEG - FORMER TRANSIT STREET MGP SITE
LOCKPORT, NEW YORK

Location ID				GB-27	GB-40	GB-41	GB-42	GB-42
Sample ID				GB-27 (11-12)	GB-40 (9.8-10.8)	GB-41 (9.5-10.5)	DUP-06	GB-42 (6-8)
Matrix				Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)				11.0-12.0	9.8-10.8	9.5-10.5	6.0-8.0	6.0-8.0
Date Sampled				05/25/05	05/25/05	05/25/05	06/01/05	06/01/05
Parameter	Units	Criteria (1)	Criteria (2)				Field Duplicate (1-1)	
Metals								
Cobalt	MG/KG	30	2.5-60	4.1 J	4.2 J	4.7 J	5.2 J	6.5 J
Copper	MG/KG	25	1-50	9.7 J	21.9 J	25.9 J	15.6 J	20.0 J
Iron	MG/KG	2000	2000-550000	7,250 J	9,280 J	9,690 J	15,700	17,200
Lead	MG/KG	SB	500	2.2 J	58.4 J	56.7 J	11.0	24.1
Magnesium	MG/KG	SB	100-5000	18,000 J	16,700 J	13,400 J	6,500	9,180
Manganese	MG/KG	SB	50-5000	414 J	379 J	434 J	388	612
Mercury	MG/KG	0.1	0.001-0.2	0.016 U	0.290	0.145	0.086 J	0.118 J
Nickel	MG/KG	13	0.5-25	8.0 J	8.4 J	9.9 J	8.8 J	10.9 J
Potassium	MG/KG	SB	8500-43000	929 J	1,210 J	1,210 J	1,260 J	1,300 J
Sodium	MG/KG	SB	6000-8000	169 J	1,310 J	1,740 J	380 J	314 J
Vanadium	MG/KG	150	1-300	8.4 J	9.2 J	10.1 J	18.5 J	17.7 J
Zinc	MG/KG	20	9-50	17.3 J	45.1 J	46.0 J	76.0	85.3
Miscellaneous Parameters								
Total Cyanide	MG/KG	-	-	1.0 UJ	1.0 UJ	2.3 J	0.92 UJ	1.1 UJ
Phenolics, Total Recoverable	MG/KG	-	-	5.3 U	6.0 U	6.0 U	6.1 U	6.5 U
Total Organic Carbon (TOC)	MG/KG	-	-	NA	NA	NA	NA	NA
Total Cyanide (Secondary Lab)	MG/KG	-	-	NA	NA	0.55	NA	NA
Free Cyanide	MG/KG	-	-	NA	NA	0.04 U	NA	NA
Ferric/Ferrous Iron Cyanide Complex	MG/KG	-	-	NA	NA	0.41	NA	NA
Unknown Iron Cyanide Complex	MG/KG	-	-	NA	NA	0.03	NA	NA

Criteria (1)- NYSDEC TAGM: Determination of Soil Cleanup Objectives and Cleanup Levels; HWR-94-4046 January 24, 1994 (Revised).

Criteria (2)- Eastern USA Background Concentrations from NYSDEC TAGM: HWR-94-4046 January 24, 1994 (Revised).

Flags assigned during chemistry validation are shown.



Concentration Exceeds Criteria (1)

Concentration Exceeds Criteria (2)

J - The reported concentration is an estimated value. U - Not detected above the reported quantitation limit.

D - Result reported from a secondary dilution analysis.

E - The actual sample concentration exceeds the reported concentration, but could not be accurately determined during analysis (used for natural oxidant demand only).

NA - Not Analyzed

Only Detected Results Reported.

Detection Limits shown are PQL

Advanced Selection: Transit RI SBI
 N:\11173467.000000\BProgram\EDMS.mdx
 Printed: 8/18/2006 8:10:05 AM
 [SITEID] = '01' AND ([SACODE] = 'N' OR [SACODE] = 'FD') AND ([MATRIX] = 'SO' AND [LOGID] LIKE 'GB-*' AND [LOGDATE] >= 4/21/2006)

TABLE 4-3
SUMMARY OF DETECTED RI SUBSURFACE SOIL ANALYTICAL RESULTS
NYSEG - FORMER TRANSIT STREET MGP SITE
LOCKPORT, NEW YORK

Location ID				GB-27	GB-40	GB-41	GB-42	GB-42
Sample ID				GB-27 (11-12)	GB-40 (9.8-10.8)	GB-41 (9.5-10.5)	DUP-06	GB-42 (6-8)
Matrix				Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)				11.0-12.0	9.8-10.8	9.5-10.5	6.0-8.0	6.0-8.0
Date Sampled				05/25/05	05/25/05	05/25/05	06/01/05	06/01/05
Parameter	Units	Criteria (1)	Criteria (2)				Field Duplicate (1-1)	
Miscellaneous Parameters								
Natural Oxidant Demand (Low Dose)	G/KG	-	-	NA	NA	NA	NA	NA
Natural Oxidant Demand (Medium Dose)	G/KG	-	-	NA	NA	NA	NA	NA
Natural Oxidant Demand (High Dose)	G/KG	-	-	NA	NA	NA	NA	NA

Criteria (1)- NYSDEC TAGM: Determination of Soil Cleanup Objectives and Cleanup Levels; HWR-94-4046 January 24, 1994 (Revised).

Criteria (2)- Eastern USA Background Concentrations from NYSDEC TAGM: HWR-94-4046 January 24, 1994 (Revised).

Flags assigned during chemistry validation are shown.



Concentration Exceeds Criteria (1)

Concentration Exceeds Criteria (2)

J - The reported concentration is an estimated value. U - Not detected above the reported quantitation limit.

D - Result reported from a secondary dilution analysis.

E - The actual sample concentration exceeds the reported concentration, but could not be accurately determined during analysis (used for natural oxidant demand only).

NA - Not Analyzed

Only Detected Results Reported.

Detection Limits shown are PQL

Advanced Selection: Transak RI SB1
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Printed: 8/16/2006 8:10:05 AM
(SITEID) = '01' AND ((SACODE) = 'N' OR (SACODE) = 'FD') AND (MATRIX) = 'SO' AND (LOGID) LIKE 'GB-' AND (LOGDATE) >= #2/1/200

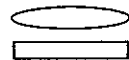
TABLE 4-3
SUMMARY OF DETECTED RI SUBSURFACE SOIL ANALYTICAL RESULTS
NYSEG - FORMER TRANSIT STREET MGP SITE
LOCKPORT, NEW YORK

Location ID				GB-42	GB-43	GB-43
Sample ID				GB-42 (8.5-10.5)	GB-43 (5-5.5)	GB-43 (10-12)
Matrix				Soil	Soil	Soil
Depth Interval (ft)				8.5-10.5	5.0-5.5	10.0-12.0
Date Sampled				06/01/05	06/01/05	06/01/05
Parameter	Units	Criteria (1)	Criteria (2)			
Volatile Organic Compounds						
1,2-Dichloroethene (cis)	MG/KG	-	-	0.024 U	1.8 U	0.005 U
Acetone	MG/KG	0.2	-	0.12 U	9.1 U	0.027 U
Benzene	MG/KG	0.06	-	0.011 J	1.8 U	0.055
Carbon disulfide	MG/KG	2.7	-	0.024 U	1.8 U	0.003 J
Cyclohexane	MG/KG	-	-	0.024 U	1.8 U	0.005 U
Dichlorodifluoromethane	MG/KG	-	-	0.024 U	1.8 U	0.005 U
Ethylbenzene	MG/KG	5.5	-	1.8 D	2.3	0.18
Isopropylbenzene (Cumene)	MG/KG	2.3	-	0.12	1.7 J	0.008
Methyl ethyl ketone (2-Butanone)	MG/KG	0.3	-	0.030 J	9.1 U	0.043
Methylcyclohexane	MG/KG	-	-	0.024 U	1.8 U	0.005 U
Styrene	MG/KG	-	-	0.024 U	1.8 U	0.005 U
Tetrachloroethene	MG/KG	1.4	-	0.024 U	1.8 U	0.004 J
Toluene	MG/KG	1.5	-	0.024 U	1.8 U	0.096
Trichlorofluoromethane	MG/KG	-	-	0.024 U	1.8 U	0.005 U
Xylene (total)	MG/KG	1.2	-	0.36	1.5 J	0.15
Total BTEX	MG/KG	-	-	2.171	3.8	0.481
Total Volatile Organic Compounds	MG/KG	10	-	2.321	5.5	0.539
Semivolatile Organic Compounds						
1,1-Biphenyl	MG/KG	50	-	7.4	7.7 J	0.36 U
2,4-Dimethylphenol	MG/KG	50	-	3.8 U	8.4 U	0.36 U

Criteria (1)- NYSDEC TAGM: Determination of Soil Cleanup Objectives and Cleanup Levels; HWR-94-4046 January 24, 1994 (Revised).

Criteria (2)- Eastern USA Background Concentrations from NYSDEC TAGM: HWR-94-4046 January 24, 1994 (Revised).

Flags assigned during chemistry validation are shown.



Concentration Exceeds Criteria (1)

Concentration Exceeds Criteria (2)

J - The reported concentration is an estimated value. U - Not detected above the reported quantitation limit.

D - Result reported from a secondary dilution analysis.

E - The actual sample concentration exceeds the reported concentration, but could not be accurately determined during analysis (used for natural oxidant demand only).

NA - Not Analyzed

Only Detected Results Reported.

Detection Limits shown are PQL

Advanced Selection: Transit RI 581
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 Printed: 8/16/2006 8:10:05 AM
 [SITEID] = '01' AND ([SACODE] = 'N' OR [SACODE] = 'FD') AND [MATRIX] = 'SO' AND ([LOCID] LIKE 'GB-*' AND [LOGDATE] >= 4/21/2005

TABLE 4-3
SUMMARY OF DETECTED RI SUBSURFACE SOIL ANALYTICAL RESULTS
NYSEG - FORMER TRANSIT STREET MGP SITE
LOCKPORT, NEW YORK

Location ID				GB-42	GB-43	GB-43
Sample ID				GB-42 (8.5-10.5)	GB-43 (5-5.5)	GB-43 (10-12)
Matrix				Soil	Soil	Soil
Depth Interval (ft)				8.5-10.5	5.0-5.5	10.0-12.0
Date Sampled				06/01/05	06/01/05	06/01/05
Parameter	Units	Criteria (1)	Criteria (2)			
Semivolatile Organic Compounds						
2-Chloronaphthalene	MG/KG	50	-	3.8 U	8.4 U	0.36 U
2-Methylnaphthalene	MG/KG	36.4	-	56	1.7 J	0.086 J
4-Chloroaniline	MG/KG	0.22 or MDL	-	3.8 U	8.4 U	0.36 U
4-Methylphenol (p-cresol)	MG/KG	0.9	-	3.8 U	8.4 U	0.36 U
Acenaphthene	MG/KG	50	-	36	58	0.11 J
Acenaphthylene	MG/KG	41	-	4.6	9.0	0.043 J
Anthracene	MG/KG	50	-	16	20	0.058 J
Benzo(a)anthracene	MG/KG	0.224 or MDL	-	8.5	15	0.026 J
Benzo(a)pyrene	MG/KG	0.061 or MDL	-	5.6	17	0.058 J
Benzo(b)fluoranthene	MG/KG	1.1	-	5.2	15	0.040 J
Benzo(g,h,i)perylene	MG/KG	50	-	2.6 J	0.61 J	0.033 J
Benzo(k)fluoranthene	MG/KG	1.1	-	5.6	16	0.36 U
bis(2-Ethylhexyl)phthalate	MG/KG	50	-	3.8 U	8.4 U	0.36 U
Butylbenzylphthalate	MG/KG	50	-	3.8 U	8.4 U	0.36 U
Carbazole	MG/KG	50	-	3.8 U	8.4 U	0.36 U
Chrysene	MG/KG	0.4	-	6.5	12	0.031 J
Dibenz(a,h)anthracene	MG/KG	0.014 or MDL	-	0.86 J	3.0 J	0.36 U
Dibenzofuran	MG/KG	6.2	-	1.4 J	2.0 J	0.36 U
Fluoranthene	MG/KG	50	-	16	24	0.059 J
Fluorene	MG/KG	50	-	19	23	0.064 J

Criteria (1)- NYSDEC TAGM: Determination of Soil Cleanup Objectives and Cleanup Levels; HWR-94-4046 January 24, 1994 (Revised).

Criteria (2)- Eastern USA Background Concentrations from NYSDEC TAGM: HWR-94-4046 January 24, 1994 (Revised).

Flags assigned during chemistry validation are shown.



Concentration Exceeds Criteria (1)

Concentration Exceeds Criteria (2)

J - The reported concentration is an estimated value. U - Not detected above the reported quantitation limit.

D - Result reported from a secondary dilution analysis.

E - The actual sample concentration exceeds the reported concentration, but could not be accurately determined during analysis (used for natural oxidant demand only).

NA - Not Analyzed

Only Detected Results Reported.

Detection Limits shown are PQL

Advanced Selection: Trans4 RI/SB:
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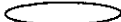
TABLE 4-3
SUMMARY OF DETECTED RI SUBSURFACE SOIL ANALYTICAL RESULTS
NYSEG - FORMER TRANSIT STREET MGP SITE
LOCKPORT, NEW YORK

Location ID				GB-42	GB-43	GB-43
Sample ID				GB-42 (8.5-10.5)	GB-43 (5-5.5)	GB-43 (10-12)
Matrix				Soil	Soil	Soil
Depth Interval (ft)				8.5-10.5	5.0-5.5	10.0-12.0
Date Sampled				06/01/05	06/01/05	06/01/05
Parameter	Units	Criteria (1)	Criteria (2)			
Semivolatile Organic Compounds						
Indeno(1,2,3-cd)pyrene	MG/KG	3.2	-	2.0 J	6.9 J	0.027 J
Naphthalene	MG/KG	13	-	82 D	6.1 J	0.24 J
Phenanthrene	MG/KG	50	-	53	62	0.21 J
Pyrene	MG/KG	50	-	21	37	0.087 J
Total Carcinogenic PAHs	MG/KG	-	-	34.26	84.9	0.182
Total Non-Carcinogenic PAHs	MG/KG	-	-	306.2	241.41	0.99
Total Polycyclic Aromatic Hydrocarbons	MG/KG	-	-	340.46	326.31	1.172
Total Semivolatile Organic Compounds	MG/KG	500	-	349.26	336.01	1.172
Polychlorinated Biphenyls						
Aroclor 1248	MG/KG	10	-	0.019 U	0.021 U	0.018 U
Aroclor 1254	MG/KG	10	-	0.019 U	0.021 U	0.018 U
Total Polychlorinated Biphenyls	MG/KG	10	-	ND	ND	ND
Metals						
Aluminum	MG/KG	SB	33000	4,050 J	2,660 J	3,050 J
Arsenic	MG/KG	7.5	3-12	3.3	2.4 U	2.3 U
Barium	MG/KG	300	15-600	35.6	110	15.9
Beryllium	MG/KG	0.16	0-1.75	0.23 U	0.24 U	0.23 U
Cadmium	MG/KG	1	0.1-1	0.23 UJ	0.24 UJ	0.23 UJ
Calcium	MG/KG	SB	130-35000	59,300	79,700	43,900
Chromium	MG/KG	10	1.5-40	7.1 J	4.3 J	4.5 J

Criteria (1)- NYSDEC TAGM: Determination of Soil Cleanup Objectives and Cleanup Levels; HWR-94-4046 January 24, 1994 (Revised).

Criteria (2)- Eastern USA Background Concentrations from NYSDEC TAGM: HWR-94-4046 January 24, 1994 (Revised).

Flags assigned during chemistry validation are shown.

 Concentration Exceeds Criteria (1)
 Concentration Exceeds Criteria (2)

J - The reported concentration is an estimated value. U - Not detected above the reported quantitation limit.

D - Result reported from a secondary dilution analysis.

E - The actual sample concentration exceeds the reported concentration, but could not be accurately determined during analysis (used for natural oxidant demand only).

NA - Not Analyzed

Only Detected Results Reported.

Detection Limits shown are PQL

Advanced Selection: Trans R1 SB1
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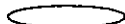
TABLE 4-3
SUMMARY OF DETECTED RI SUBSURFACE SOIL ANALYTICAL RESULTS
NYSEG - FORMER TRANSIT STREET MGP SITE
LOCKPORT, NEW YORK

Location ID				GB-42	GB-43	GB-43
Sample ID				GB-42 (8.5-10.5)	GB-43 (5-5.5)	GB-43 (10-12)
Matrix				Soil	Soil	Soil
Depth Interval (ft)				8.5-10.5	5.0-5.5	10.0-12.0
Date Sampled				06/01/05	06/01/05	06/01/05
Parameter	Units	Criteria (1)	Criteria (2)			
Metals						
Cobalt	MG/KG	30	2.5-60	4.8 J	2.6 J	3.5 J
Copper	MG/KG	25	1-50	22.6 J	13.1 J	11.6 J
Iron	MG/KG	2000	2000-550000	8,850	5,130	5,690
Lead	MG/KG	SB	500	5.2	16.5	2.3
Magnesium	MG/KG	SB	100-5000	8,100	8,910	5,730
Manganese	MG/KG	SB	50-5000	600	420	443
Mercury	MG/KG	0.1	0.001-0.2	0.020 UJ	0.104 J	0.017 UJ
Nickel	MG/KG	13	0.5-25	8.8 J	5.7 J	6.5 J
Potassium	MG/KG	SB	8500-43000	987 J	989 J	653 J
Sodium	MG/KG	SB	6000-8000	197 J	242 J	162 UJ
Vanadium	MG/KG	150	1-300	8.6 J	6.2 J	6.6 J
Zinc	MG/KG	20	9-50	23.0	40.1	15.4
Miscellaneous Parameters						
Total Cyanide	MG/KG	-	-	2.1 J	1.6 UJ	0.85 UJ
Phenolics, Total Recoverable	MG/KG	-	-	6.2 U	6.1 U	5.2 U
Total Organic Carbon (TOC)	MG/KG	-	-	45,000	NA	NA
Total Cyanide (Secondary Lab)	MG/KG	-	-	0.09	NA	NA
Free Cyanide	MG/KG	-	-	0.04 U	NA	NA
Ferric/Ferrous Iron Cyanide Complex	MG/KG	-	-	0.01	NA	NA
Unknown Iron Cyanide Complex	MG/KG	-	-	0 U	NA	NA

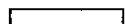
Criteria (1)- NYSDEC TAGM: Determination of Soil Cleanup Objectives and Cleanup Levels; HWR-94-4046 January 24, 1994 (Revised).

Criteria (2)- Eastern USA Background Concentrations from NYSDEC TAGM: HWR-94-4046 January 24, 1994 (Revised).

Flags assigned during chemistry validation are shown.



Concentration Exceeds Criteria (1)



Concentration Exceeds Criteria (2)

J - The reported concentration is an estimated value. U - Not detected above the reported quantitation limit.

D - Result reported from a secondary dilution analysis.

E - The actual sample concentration exceeds the reported concentration, but could not be accurately determined during analysis (used for natural oxidant demand only).

NA - Not Analyzed

Only Detected Results Reported.

Detection Limits shown are PQL

Advanced Selection: Transit RI SBI
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 Printed: 5/18/2006 8:10:06 AM
 [SITEID] = '01' AND ([SACODE] = 'N' OR [SACODE] = 'YD') AND ([MATRIX] = 'SO' AND [LOCID] LIKE 'GB-*' AND [LOGDATE] >= #2/17/200

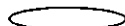
TABLE 4-3
SUMMARY OF DETECTED RI SUBSURFACE SOIL ANALYTICAL RESULTS
NYSEG - FORMER TRANSIT STREET MGP SITE
LOCKPORT, NEW YORK

Location ID				GB-42	GB-43	GB-43
Sample ID				GB-42 (8.5-10.5)	GB-43 (5-5.5)	GB-43 (10-12)
Matrix				Soil	Soil	Soil
Depth Interval (ft)				8.5-10.5	5.0-5.5	10.0-12.0
Date Sampled				06/01/05	06/01/05	06/01/05
Parameter	Units	Criteria (1)	Criteria (2)			
Miscellaneous Parameters						
Natural Oxidant Demand (Low Dose)	GKG	-	-	2.9	NA	NA
Natural Oxidant Demand (Medium Dose)	GKG	-	-	3.8	NA	NA
Natural Oxidant Demand (High Dose)	GKG	-	-	4.6	NA	NA

Criteria (1)- NYSDEC TAGM: Determination of Soil Cleanup Objectives and Cleanup Levels; HWR-94-4046 January 24, 1994 (Revised).

Criteria (2)- Eastern USA Background Concentrations from NYSDEC TAGM: HWR-94-4046 January 24, 1994 (Revised).

Flags assigned during chemistry validation are shown.



Concentration Exceeds Criteria (1)



Concentration Exceeds Criteria (2)

J - The reported concentration is an estimated value. U - Not detected above the reported quantitation limit.

D - Result reported from a secondary dilution analysis.

E - The actual sample concentration exceeds the reported concentration, but could not be accurately determined during analysis (used for natural oxidant demand only).

NA - Not Analyzed

Only Detected Results Reported.

Detection Limits shown are PQL

Advanced Selection: Trans R1 SB:
N:\11173467.000000\BVPProgram\EDMS.mds
Printed: 8/16/2006 8:10:06 AM
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TABLE 4-4
STATISTICAL SUMMARY OF DETECTED RI SUBSURFACE SOIL ANALYTICAL RESULTS
NYSEG - FORMER TRANSIT STREET MGP SITE

Parameter	Units	Criteria (1)	Criteria (2)	No. of Samples	No. of Detections	Range of Detections					Dist	No. of Exceed.		Max Value	
						Min	Max	Avg	StdDev	UCL95		Crit. (1)	Crit. (2)	Location	Depth
Volatile Organic Compounds															
1,2-Dichloroethene (cis)	MG/KG	-	-	48	1	0.003	0.003	0.003	-	-	Non-Normal	0	0	GB-18	6.5-7
Acetone	MG/KG	0.2	-	48	10	0.028	0.740	0.152	0.214	0.285	Non-Normal	2	0	GB-07	5.5-6.5
Benzene	MG/KG	0.06	-	48	20	0.004	2.30	0.247	0.516	0.473	Non-Normal	11	0	GB-09	10-12
Carbon disulfide	MG/KG	2.7	-	48	15	0.001	0.022	0.004	0.005	0.007	Non-Normal	0	0	GB-07	5.5-6.5
Cyclohexane	MG/KG	-	-	48	8	0.002	0.320	0.075	0.134	0.168	Non-Normal	0	0	GB-17	6.2-8.2
Dichlorodifluoromethane	MG/KG	-	-	48	1	0.003	0.003	0.003	-	-	Non-Normal	0	0	GB-42	6-8
Ethylbenzene	MG/KG	5.5	-	48	27	0.001	15.00	2.73	4.27	4.34	Non-Normal	5	0	GB-14	8.5-9.5
Isopropylbenzene (Cumene)	MG/KG	2.3	-	48	27	0.002	19.00	1.17	3.88	2.56	Non-Normal	3	0	GB-16	0.5-1.5
Methyl ethyl ketone (2-Butanone)	MG/KG	0.3	-	48	16	0.010	0.150	0.039	0.033	0.055	Non-Normal	0	0	GB-07	5.5-6.5
Methylcyclohexane	MG/KG	-	-	48	10	0.002	0.280	0.052	0.101	0.115	Non-Normal	0	0	GB-17	6.2-8.2
Styrene	MG/KG	-	-	48	9	0.004	14.00	3.34	4.92	6.55	Non-Normal	0	0	GB-26	9.5-10.75
Tetrachloroethene	MG/KG	1.4	-	48	6	0.004	0.009	0.006	0.002	0.007	Non-Normal	0	0	GB-42	6-8
Toluene	MG/KG	1.5	-	48	32	0.002	41.00	2.31	7.64	4.95	Non-Normal	4	0	GB-09	10-12
Trichlorofluoromethane	MG/KG	-	-	48	1	0.003	0.003	0.003	-	-	Non-Normal	0	0	GB-42	6-8
Xylene (total)	MG/KG	1.2	-	48	27	0.003	130.0	16.82	31.01	28.52	Non-Normal	16	0	GB-09	10-12

Criteria (1)- NYSDEC TAGM: Determination of Soil Cleanup Objectives and Cleanup Levels; HWR-94-4046 January 24, 1994 (Revised).

Criteria (2)- Eastern USA Background Concentrations from NYSDEC TAGM: HWR-94-4046 January 24, 1994 (Revised).



Concentration Exceeds Criteria (1)

Concentration Exceeds Criteria (2)

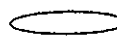
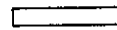
Only Detected Results Reported.

TABLE 4-4
STATISTICAL SUMMARY OF DETECTED RI SUBSURFACE SOIL ANALYTICAL RESULTS
NYSEG - FORMER TRANSIT STREET MGP SITE

Parameter	Units	Criteria (1)	Criteria (2)	No. of Samples	No. of Detections	Range of Detections					Dist	No. of Exceed.		Max Value	
						Min	Max	Avg	StdDev	UCL95		Crit. (1)	Crit. (2)	Location	Depth
Semivolatile Organic Compounds															
1,1-Biphenyl	MG/KG	50	-	47	21	0.090	19.00	6.16	5.79	8.64	Non-Normal	0	0	GB-09	12-13.8
2,4-Dimethylphenol	MG/KG	50	-	47	1	0.043	0.043	0.043	-	-	Non-Normal	0	0	GB-10	9.5-10.5
2-Chloronaphthalene	MG/KG	50	-	47	1	0.670	0.670	0.670	-	-	Non-Normal	0	0	GB-09	10-12
2-Methylnaphthalene	MG/KG	36.4	-	47	34	0.022	180.0	20.75	38.68	33.75	Non-Normal	7	0	GB-09	12-13.8
4-Chloroaniline	MG/KG	0.22 or MDL	-	47	1	0.140	0.140	0.140	-	-	Non-Normal	0	0	GB-20	7.5-8.5
4-Methylphenol (p-cresol)	MG/KG	0.9	-	47	1	0.190	0.190	0.190	-	-	Non-Normal	0	0	GB-09	10-12
Acenaphthene	MG/KG	50	-	47	31	0.023	58.00	9.44	14.13	14.41	Non-Normal	1	0	GB-43	5-5.5
Acenaphthylene	MG/KG	41	-	47	31	0.023	76.00	11.70	20.25	18.83	Non-Normal	4	0	GB-09	12-13.8
Anthracene	MG/KG	50	-	47	32	0.021	82.00	13.79	19.57	20.57	Non-Normal	3	0	GB-16	0.5-1.5
Benzo(a)anthracene	MG/KG	0.224 or MDL	-	47	34	0.021	47.00	8.72	11.98	12.75	Non-Normal	26	0	GB-16	0.5-1.5
Benzo(a)pyrene	MG/KG	0.061 or MDL	-	47	33	0.027	35.00	6.71	8.99	9.77	Non-Normal	29	0	GB-16	0.5-1.5
Benzo(b)fluoranthene	MG/KG	1.1	-	47	33	0.038	32.00	6.63	8.62	9.57	Non-Normal	19	0	GB-09	12-13.8
Benzo(g,h,i)perylene	MG/KG	50	-	47	32	0.028	16.00	2.82	4.03	4.22	Non-Normal	0	0	GB-16	0.5-1.5
Benzo(k)fluoranthene	MG/KG	1.1	-	47	29	0.061	34.00	4.67	7.29	7.32	Non-Normal	17	0	GB-16	0.5-1.5
bis(2-Ethylhexyl)phthalate	MG/KG	50	-	47	8	0.031	0.290	0.112	0.090	0.174	Non-Normal	0	0	GB-12	3-4

Criteria (1)- NYSDEC TAGM: Determination of Soil Cleanup Objectives and Cleanup Levels; HWR-94-4046 January 24, 1994 (Revised).

Criteria (2)- Eastern USA Background Concentrations from NYSDEC TAGM: HWR-94-4046 January 24, 1994 (Revised).

 Concentration Exceeds Criteria (1)
 Concentration Exceeds Criteria (2)

Only Detected Results Reported.

TABLE 4-4
STATISTICAL SUMMARY OF DETECTED RI SUBSURFACE SOIL ANALYTICAL RESULTS
NYSEG - FORMER TRANSIT STREET MGP SITE

Parameter	Units	Criteria (1)	Criteria (2)	No. of Samples	No. of Detections	Range of Detections					Dist	No. of Exceed.		Max Value	
						Min	Max	Avg	StdDev	UCL95		Crit. (1)	Crit. (2)	Location	Depth
Semivolatile Organic Compounds															
Butylbenzylphthalate	MG/KG	50	-	47	1	0.380	0.380	0.380	-	-	Non-Normal	0	0	GB-09	10-12
Carbazole	MG/KG	50	-	47	16	0.030	19.00	3.55	5.08	6.04	Non-Normal	0	0	GB-09	12-13.8
Chrysene	MG/KG	0.4	-	47	33	0.023	35.00	7.13	9.35	10.32	Non-Normal	26	0	GB-16	0.5-1.5
Dibenz(a,h)anthracene	MG/KG	0.014 or MDI	-	47	25	0.096	5.40	1.38	1.44	1.95	Non-Normal	25	0	GB-16	0.5-1.5
Dibenzofuran	MG/KG	6.2	-	47	24	0.022	49.00	8.74	12.75	13.84	Non-Normal	8	0	GB-09	12-13.8
Fluoranthene	MG/KG	50	-	47	37	0.027	100.0	17.67	26.04	26.06	Non-Normal	5	0	GB-09	12-13.8
Fluorene	MG/KG	50	-	47	31	0.024	82.00	16.16	21.81	23.84	Non-Normal	4	0	GB-16	0.5-1.5
Indeno(1,2,3-cd)pyrene	MG/KG	3.2	-	47	32	0.024	15.00	2.86	3.85	4.19	Non-Normal	9	0	GB-09	12-13.8
Naphthalene	MG/KG	13	-	47	33	0.027	840.0	69.31	161.5	124.4	Non-Normal	13	0	GB-09	12-13.8
Phenanthrene	MG/KG	50	-	47	40	0.026	250.0	34.09	59.15	52.42	Non-Normal	10	0	GB-16	0.5-1.5
Pyrene	MG/KG	50	-	47	38	0.029	110.0	15.79	24.90	23.71	Non-Normal	4	0	GB-16	0.5-1.5
Polychlorinated Biphenyls															
Aroclor 1248	MG/KG	10	-	47	1	0.058	0.058	0.058	-	-	Non-Normal	0	0	GB-16	0.5-1.5
Aroclor 1254	MG/KG	10	-	47	2	0.014	0.095	0.055	0.057	0.134	Non-Normal	0	0	GB-16	0.5-1.5
Metals															

Criteria (1)- NYSDEC TAGM: Determination of Soil Cleanup Objectives and Cleanup Levels; HWR-94-4046 January 24, 1994 (Revised).

Criteria (2)- Eastern USA Background Concentrations from NYSDEC TAGM: HWR-94-4046 January 24, 1994 (Revised).



Concentration Exceeds Criteria (1)

Concentration Exceeds Criteria (2)

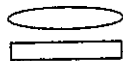
Only Detected Results Reported.

TABLE 4-4
STATISTICAL SUMMARY OF DETECTED RI SUBSURFACE SOIL ANALYTICAL RESULTS
NYSEG - FORMER TRANSIT STREET MGP SITE

Parameter	Units	Criteria (1)	Criteria (2)	No. of Samples	No. of Detections	Range of Detections					Dist	No. of Exceed.		Max Value	
						Min	Max	Avg	StdDev	UCL95		Crit. (1)	Crit. (2)	Location	Depth
Metals															
Aluminum	MG/KG	SB	33000	47	47	2,090	1.01E+04	4,075	1,847	4,603	Non-Normal	0	0	GB-22	7-8
Arsenic	MG/KG	7.5	3-12	47	22	2.50	5.80	3.81	1.04	4.24	Normal	0	0	GB-26	9.5-10.75
Barium	MG/KG	300	15-600	47	47	13.50	529.0	80.02	93.91	106.9	Non-Normal	3	0	GB-22	7-8
Beryllium	MG/KG	0.16	0-1.75	47	21	0.155	0.560	0.304	0.098	0.346	Non-Normal	20	0	GB-22	7-8
Cadmium	MG/KG	1	0.1-1	47	3	0.190	0.360	0.270	0.085	0.367	Non-Normal	0	0	GB-22	7-8
Calcium	MG/KG	SB	130-3500	47	47	1.22E+04	1.45E+05	5.48E+04	3.20E+04	6.40E+04	Normal	0	31	GB-19	7-8
Chromium	MG/KG	10	1.5-40	47	47	3.10	18.80	6.27	3.12	7.16	Non-Normal	5	0	GB-22	7-8
Cobalt	MG/KG	30	2.5-60	47	47	2.30	9.10	4.01	1.39	4.41	Non-Normal	0	0	GB-01	8.4-9.4
Copper	MG/KG	25	1-50	47	47	3.00	43.00	14.70	8.40	17.10	Non-Normal	5	0	GB-16	15-16
Iron	MG/KG	2000	2000-55000	47	47	4,570	1.97E+04	8,027	2,995	8,883	Non-Normal	47	0	GB-01	8.4-9.4
Lead	MG/KG	SB	500	47	47	1.10	185.0	18.85	32.51	28.14	Non-Normal	0	0	GB-20	4-6
Magnesium	MG/KG	SB	100-5000	47	47	3,220	3.88E+04	8,836	6,195	1.06E+04	Non-Normal	0	32	GB-19	7-8
Manganese	MG/KG	SB	50-5000	47	47	160.0	1,260	466.3	228.5	531.6	Non-Normal	0	0	GB-24	6-8
Mercury	MG/KG	0.1	0.001-0.2	47	23	0.023	0.521	0.158	0.145	0.217	Non-Normal	14	7	GB-19	7-8
Nickel	MG/KG	13	0.5-25	47	47	4.30	14.80	7.87	2.64	8.62	Normal	4	0	GB-22	7-8

Criteria (1)- NYSDEC TAGM: Determination of Soil Cleanup Objectives and Cleanup Levels; HWR-94-4046 January 24, 1994 (Revised).

Criteria (2)- Eastern USA Background Concentrations from NYSDEC TAGM: HWR-94-4046 January 24, 1994 (Revised).



Concentration Exceeds Criteria (1)

Concentration Exceeds Criteria (2)

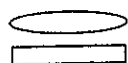
Only Detected Results Reported.

TABLE 4-4
STATISTICAL SUMMARY OF DETECTED RI SUBSURFACE SOIL ANALYTICAL RESULTS
NYSEG - FORMER TRANSIT STREET MGP SITE

Parameter	Units	Criteria (1)	Criteria (2)	No. of Samples	No. of Detections	Range of Detections					Dist	No. of Exceed.		Max Value	
						Min	Max	Avg	StdDev	UCL95		Crit. (1)	Crit. (2)	Location	Depth
Metals															
Potassium	MG/KG	SB	8500-43000	47	47	452.0	1,930	884.8	309.4	973.3	Non-Normal	0	0	GB-22	7-8
Sodium	MG/KG	SB	6000-8000	47	23	169.0	1,740	475.4	405.4	641.1	Non-Normal	0	0	GB-41	9.5-10.5
Vanadium	MG/KG	150	1-300	47	47	5.00	18.10	8.47	3.17	9.38	Non-Normal	0	0	GB-42	6.2-8.2
Zinc	MG/KG	20	9-50	47	47	9.70	153.0	32.52	26.09	39.98	Non-Normal	26	8	GB-20	4-6
Miscellaneous Parameters															
Total Cyanide	MG/KG	-	-	48	12	1.20	34.40	5.81	9.21	11.02	Non-Normal	0	0	GB-10	6-6.2
Phenolics, Total Recoverable	MG/KG	-	-	47	1	6.90	6.90	6.90	-	-	Non-Normal	0	0	GB-01	8.4-9.4
Total Organic Carbon (TOC)	MG/KG	-	-	10	11	5,325	8.20E+04	3.85E+04	2.69E+04	5.43E+04	Normal	0	0	GB-17	6.2-8.2
Total Cyanide (Secondary Lab)	MG/KG	-	-	13	13	0.090	300.0	44.28	83.82	89.84	Non-Normal	0	0	GB-10	6-6.2
Free Cyanide	MG/KG	-	-	13	5	0.090	0.760	0.276	0.282	0.523	Non-Normal	0	0	GB-10	6-6.2
Ferric/Ferrous Iron Cyanide Complex	MG/KG	-	-	13	13	0.010	188.0	31.16	54.36	60.71	Non-Normal	0	0	GB-10	6-6.2
Unknown Iron Cyanide Complex	MG/KG	-	-	13	7	0.010	5.52	0.937	2.03	2.44	Non-Normal	0	0	GB-10	6-6.2
Natural Oxidant Demand (Low Dose)	G/KG	-	-	10	10	0.300	3.30	2.60	1.15	3.31	Non-Normal	0	0	GB-17	4-6
Natural Oxidant Demand (Medium Dose)	G/KG	-	-	10	10	0.500	16.70	9.98	6.51	14.01	Normal	0	0	GB-19	7-8
Natural Oxidant Demand (High Dose)	G/KG	-	-	10	10	0.700	33.30	16.62	12.84	24.57	Normal	0	0	GB-19	7-8

Criteria (1)- NYSDEC TAGM: Determination of Soil Cleanup Objectives and Cleanup Levels; HWR-94-4046 January 24, 1994 (Revised).

Criteria (2)- Eastern USA Background Concentrations from NYSDEC TAGM: HWR-94-4046 January 24, 1994 (Revised).



Concentration Exceeds Criteria (1)

Concentration Exceeds Criteria (2)

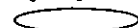
Only Detected Results Reported.

TABLE 4-5
SUMMARY OF DETECTED RI PACKER TEST GROUNDWATER ANALYTICAL RESULTS
NYSEG - FORMER TRANSIT STREET MGP SITE
LOCKPORT, NEW YORK

Location ID			BMW-04-01	BMW-04-01	BMW-04-01	BMW-04-01	BMW-04-03
Sample ID			BMW-04-01-25-45	BMW-04-01-45-60	DUP-02/23/05	BMW-04-01-60-70	BMW-04-03-57-72
Matrix			Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)			25.0-45.0	45.0-60.0	45.0-60.0	60.0-70.0	57.0-72.0
Date Sampled			02/23/05	02/23/05	02/23/05	02/23/05	02/17/05
Parameter	Units	Criteria*			Field Duplicate (1-1)		
Volatile Organic Compounds							
1,1-Dichloroethane	UG/L	5	1.0 U	10 U	20 U	2.0 U	1.0 U
1,2-Dichloroethene (cis)	UG/L	5	1.0 U	10 U	20 U	2.0 U	1.0 U
1,2-Dichloroethene (trans)	UG/L	5	1.0 U	10 U	20 U	2.0 U	1.0 U
Acetone	UG/L	50	5.0 U	50 U	100 U	10 U	22
Benzene	UG/L	1	2.2	520 D	620	30	42 DJ
Bromodichloromethane	UG/L	50	1.0 U	10 U	20 U	2.0 U	0.42 J
Carbon disulfide	UG/L	60	1.0 U	10 U	20 U	0.84 J	2.1
Chloroform	UG/L	7	1.0 U	10 U	20 U	2.0 U	1.6
Cyclohexane	UG/L	50	0.27 J	10 U	20 U	37	5.0
Ethylbenzene	UG/L	5	0.69 J	59	76	36	120 DJ
Isopropylbenzene (Cumene)	UG/L	5	1.0 U	10 U	8.6 J	3.2	9.7 J
Methyl ethyl ketone (2-Butanone)	UG/L	50	5.0 U	50 U	100 U	10 U	12
Methyl tert-butyl ether	UG/L	10	1.0 U	10 U	20 U	2.0 U	1.0 U
Methylcyclohexane	UG/L	50	1.0 U	10 U	20 U	19	4.6
Styrene	UG/L	5	1.1	320	380	2.0 U	1.0 UJ
Tetrachloroethene	UG/L	5	1.0 U	10 U	20 U	2.0 U	1.0 U
Toluene	UG/L	5	9.5	1,000 D	1,000 D	46	27 J
Trichloroethene	UG/L	5	1.0 U	10 U	20 U	2.0 U	1.0 U
Vinyl chloride	UG/L	2	1.0 U	10 U	20 U	2.0 U	1.0 U
Xylene (total)	UG/L	5	2.6 J	500	590	47	67 J
Total BTEX	UG/L	-	14.99	2,079	2,286	159	256
Total Volatile Organic Compounds	UG/L	-	16.36	2,399	2,674.6	219.04	313.42

*Criteria- NYSDEC TOGS (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations. April 2000, Class GA.

Flags assigned during chemistry validation are shown.



Concentration Exceeds Criteria

J - The reported concentration is an estimated value.

D - Result reported from a secondary dilution analysis.

U - Not detected above the reported quantitation limit.

NA - Not Analyzed

Only Detected Results Reported.

Detection Limits shown are PQL

Advanced Selection: Transit RI Packs
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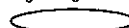
[SITEID] = '01' AND ([SACODE] = 'N' OR ([SACODE] = 'D') AND ([MATRIX] = 'WG' AND ([LOGDATE] BETWEEN #2/17/05# AND #2/23/05#

TABLE 4-5
SUMMARY OF DETECTED RI PACKER TEST GROUNDWATER ANALYTICAL RESULTS
NYSEG - FORMER TRANSIT STREET MGP SITE
LOCKPORT, NEW YORK

Location ID			BMW-04-01	BMW-04-01	BMW-04-01	BMW-04-01	BMW-04-03
Sample ID			BMW-04-01-25-45	BMW-04-01-45-60	DUP-02/23/05	BMW-04-01-60-70	BMW-04-03-57-72
Matrix			Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)			25.0-45.0	45.0-60.0	45.0-60.0	60.0-70.0	57.0-72.0
Date Sampled			02/23/05	02/23/05	02/23/05	02/23/05	02/17/05
Parameter	Units	Criteria*			Field Duplicate (1-1)		
Semivolatile Organic Compounds							
1,1-Biphenyl	UG/L	5	2 J	100 U	23 J	6 J	39
2,4-Dimethylphenol	UG/L	50	10 U	100 U	96 U	10 U	2 J
2-Methylnaphthalene	UG/L	50	2 J	180	250	4 J	24
2-Methylphenol (o-cresol)	UG/L	1	10 U	100 U	96 U	10 U	10 U
4-Methylphenol (p-cresol)	UG/L	1	10 U	100 U	96 U	10 U	1 J
Acenaphthene	UG/L	20	10 U	100 U	96 U	5 J	180 D
Acenaphthylene	UG/L	50	8 J	99 J	140	19	45
Acetophenone	UG/L	50	10 U	100 U	96 U	10 U	6 J
Anthracene	UG/L	50	3.0 J	100 U	96 U	23	95
Benzo(a)anthracene	UG/L	0.002	10 U	100 U	96 U	14	32
Benzo(a)pyrene	UG/L	ND	10 U	100 U	96 U	11	22
Benzo(b)fluoranthene	UG/L	0.002	10 U	100 U	96 U	9 J	22
Benzo(g,h,i)perylene	UG/L	50	10 U	100 U	96 U	4 J	8 J
Benzo(k)fluoranthene	UG/L	0.002	10 U	100 U	96 U	10	23
bis(2-Ethylhexyl)phthalate	UG/L	5	10 U	100 U	96 U	10 U	26
Carbazole	UG/L	50	10 U	100 U	96 U	10 U	6 J
Chrysene	UG/L	0.002	10 U	100 U	96 U	13	28
Dibenz(a,h)anthracene	UG/L	50	10 U	100 U	96 U	10 U	3.0 J
Dibenzofuran	UG/L	50	10 U	100 U	96 U	4 J	18
Diethylphthalate	UG/L	50	10 U	100 U	96 U	10 U	3.0 J
Fluoranthene	UG/L	50	2 J	100 U	96 U	27	72
Fluorene	UG/L	50	3.0 J	30 J	42 J	24	110

*Criteria- NYSDEC TOGS (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations, April 2000, Class GA.

Flags assigned during chemistry validation are shown.

 Concentration Exceeds Criteria

J - The reported concentration is an estimated value.

D - Result reported from a secondary dilution analysis.

U - Not detected above the reported quantitation limit.

NA - Not Analyzed

Only Detected Results Reported.

Detection Limits shown are PQL

Advanced Selection: Transit RI Packs
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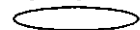
[SITEID] = '01' AND ([SACODE] = 'N' OR [SACODE] = 'D') AND [MATRIX] = 'WG' AND [LOGDATE] BETWEEN #2/17/05# AND #3/23/05#

TABLE 4-5
SUMMARY OF DETECTED RI PACKER TEST GROUNDWATER ANALYTICAL RESULTS
NYSEG - FORMER TRANSIT STREET MGP SITE
LOCKPORT, NEW YORK

Location ID			BMW-04-01	BMW-04-01	BMW-04-01	BMW-04-01	BMW-04-03
Sample ID			BMW-04-01-25-45	BMW-04-01-45-60	DUP-02/23/05	BMW-04-01-60-70	BMW-04-03-57-72
Matrix			Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)			25.0-45.0	45.0-60.0	45.0-60.0	60.0-70.0	57.0-72.0
Date Sampled			02/23/05	02/23/05	02/23/05	02/23/05	02/17/05
Parameter	Units	Criteria*			Field Duplicate (1-1)		
Semivolatile Organic Compounds							
Indeno(1,2,3-cd)pyrene	UG/L	0.002	10 U	100 U	96 U	10 U	7 J
Naphthalene	UG/L	10	9 J	1,500	2,000 D	78	120
N-Nitrosodiphenylamine	UG/L	50	10 U	100 U	96 U	10 U	7 J
Pentachlorophenol	UG/L	1	48 U	500 U	480 U	50 U	50 U
Phenanthrene	UG/L	50	10	43 J	57 J	82	270 D
Phenol	UG/L	1	10 U	100 U	96 U	10 U	10 U
Pyrene	UG/L	50	3.0 J	100 U	96 U	40	91
Total Carcinogenic PAHs	UG/L	-	ND	ND	ND	57	137
Total Non-Carcinogenic PAHs	UG/L	-	40	1,852	2,489	306	1,015
Total Polycyclic Aromatic Hydrocarbons	UG/L	-	40	1,852	2,489	363	1,152
Total Semivolatile Organic Compounds	UG/L	-	42	1,852	2,512	373	1,260
Metals							
Lead	UG/L	25	1.4 U	1.4 U	1.4 U	1.4 U	8.3 J

*Criteria- NYSDEC TOGS (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations. April 2000, Class GA.

Flags assigned during chemistry validation are shown.



Concentration Exceeds Criteria

J - The reported concentration is an estimated value.

D - Result reported from a secondary dilution analysis.

U - Not detected above the reported quantitation limit.

NA - Not Analyzed

Only Detected Results Reported.

Detection Limits shown are PQL

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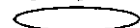
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TABLE 4-5
SUMMARY OF DETECTED RI PACKER TEST GROUNDWATER ANALYTICAL RESULTS
NYSEG - FORMER TRANSIT STREET MGP SITE
LOCKPORT, NEW YORK

Location ID			BMW-04-03	BMW-04-03	BMW-04-09	BMW-04-09	BMW-04-09
Sample ID			BMW-04-03-27-42	BMW-04-03-42-57	BMW040920.529.5	BMW-04-09-42-56	BMW-04-09-56-70
Matrix			Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)			27.0-42.0	42.0-57.0	20.5-29.5	42.0-56.0	56.0-70.0
Date Sampled			02/21/05	02/21/05	03/02/05	03/03/05	03/03/05
Parameter	Units	Criteria*					
Volatile Organic Compounds							
1,1-Dichloroethane	UG/L	5	4.0 U	0.54 J	10 U	25 U	10 U
1,2-Dichloroethene (cis)	UG/L	5	4.0 U	1.0 U	10 U	25 U	10 U
1,2-Dichloroethene (trans)	UG/L	5	4.0 U	1.0 U	10 U	25 U	10 U
Acetone	UG/L	50	20 U	5.0 U	50 U	120 U	50 U
Benzene	UG/L	1	96	110 D	660 D	220	300
Bromodichloromethane	UG/L	50	4.0 U	1.0 U	10 U	25 U	10 U
Carbon disulfide	UG/L	60	1.1 J	0.28 J	10 U	25 U	8.1 J
Chloroform	UG/L	7	4.0 U	1.0 U	10 U	25 U	10 U
Cyclohexane	UG/L	50	4.0	4.0	10 U	7.6 J	10 U
Ethylbenzene	UG/L	5	250 J	260 D	88	870	60
Isopropylbenzene (Cumene)	UG/L	5	31	33	4.8 J	120	3.0 J
Methyl ethyl ketone (2-Butanone)	UG/L	50	20 U	5.0 U	50 U	120 U	50 U
Methyl tert-butyl ether	UG/L	10	4.0 U	1.0 U	46	79	43
Methylcyclohexane	UG/L	50	4.0 U	2.4	10 U	25 U	10 U
Styrene	UG/L	5	4.0 U	1.0 U	56	25 U	51
Tetrachloroethene	UG/L	5	4.0 U	1.0 U	10 U	25 U	10 U
Toluene	UG/L	5	75	42 D	550 D	170	390
Trichloroethene	UG/L	5	4.0 U	1.0 U	10 U	25 U	10 U
Vinyl chloride	UG/L	2	4.0 U	1.0 U	10 U	25 U	10 U
Xylene (total)	UG/L	5	160	130 D	230	970	180
Total BTEX	UG/L	-	581	542	1,528	2,230	930
Total Volatile Organic Compounds	UG/L	-	617.1	582.22	1,634.8	2,436.6	1,035.1

*Criteria- NYSDC TOGS (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations, April 2000, Class GA.

Flags assigned during chemistry validation are shown.



Concentration Exceeds Criteria

J - The reported concentration is an estimated value.

D - Result reported from a secondary dilution analysis.

U - Not detected above the reported quantitation limit.

NA - Not Analyzed

Only Detected Results Reported.

Detection Limits shown are PQL

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TABLE 4-5
SUMMARY OF DETECTED RI PACKER TEST GROUNDWATER ANALYTICAL RESULTS
NYSEG - FORMER TRANSIT STREET MGP SITE
LOCKPORT, NEW YORK

Location ID			BMW-04-03	BMW-04-03	BMW-04-09	BMW-04-09	BMW-04-09
Sample ID			BMW-04-03-27-42	BMW-04-03-42-57	BMW040920.529.5	BMW-04-09-42-56	BMW-04-09-56-70
Matrix			Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)			27.0-42.0	42.0-57.0	20.5-29.5	42.0-56.0	56.0-70.0
Date Sampled			02/21/05	02/21/05	03/02/05	03/03/05	03/03/05
Parameter	Units	Criteria*					
Semivolatile Organic Compounds							
1,1-Biphenyl	UG/L	5	33 J	44 J	2 J	50	10
2,4-Dimethylphenol	UG/L	50	47 U	100 U	150 D	82	45
2-Methylnaphthalene	UG/L	50	260	380	5 J	160 J	33
2-Methylphenol (o-cresol)	UG/L	1	47 U	100 U	89	45	23
4-Methylphenol (p-cresol)	UG/L	1	47 U	100 U	130	64	32
Acenaphthene	UG/L	20	120	190	30	160 J	32
Acenaphthylene	UG/L	50	26 J	100 U	10	150	26
Acetophenone	UG/L	50	47 U	100 U	10 U	10 U	9 U
Anthracene	UG/L	50	16 J	100 U	10 U	12	6 J
Benzo(a)anthracene	UG/L	0.002	47 U	100 U	10 U	10 U	9 U
Benzo(a)pyrene	UG/L	ND	47 U	100 U	10 U	10 U	9 U
Benzo(b)fluoranthene	UG/L	0.002	47 U	100 U	10 U	10 U	9 U
Benzo(g,h,i)perylene	UG/L	50	47 U	100 U	10 U	10 U	9 U
Benzo(k)fluoranthene	UG/L	0.002	47 U	100 U	10 U	10 U	9 U
bis(2-Ethylhexyl)phthalate	UG/L	5	47 U	100 U	10 U	10 U	9 U
Carbazole	UG/L	50	47 U	100 U	4 J	55	3 J
Chrysene	UG/L	0.002	47 U	100 U	10 U	10 U	9 U
Dibenz(a,h)anthracene	UG/L	50	47 U	100 U	10 U	10 U	9 U
Dibenzofuran	UG/L	50	47 U	100 U	3.0 J	16	5 J
Diethylphthalate	UG/L	50	47 U	100 U	10 U	10 U	9 U
Fluoranthene	UG/L	50	47 U	100 U	10 U	4 J	7 J
Fluorene	UG/L	50	48	69 J	2 J	66	19

*Criteria- NYSDEC TOGS (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations, April 2000, Class GA.

Flags assigned during chemistry validation are shown.

 Concentration Exceeds Criteria

J - The reported concentration is an estimated value.

D - Result reported from a secondary dilution analysis.

U - Not detected above the reported quantitation limit.

NA - Not Analyzed

Only Detected Results Reported.

Detection Limits shown are PQL

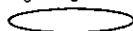
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TABLE 4-5
SUMMARY OF DETECTED RI PACKER TEST GROUNDWATER ANALYTICAL RESULTS
NYSEG - FORMER TRANSIT STREET MGP SITE
LOCKPORT, NEW YORK

Location ID			BMW-04-03	BMW-04-03	BMW-04-09	BMW-04-09	BMW-04-09
Sample ID			BMW-04-03-27-42	BMW-04-03-42-57	BMW040920.529.5	BMW-04-09-42-56	BMW-04-09-56-70
Matrix			Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)			27.0-42.0	42.0-57.0	20.5-29.5	42.0-56.0	56.0-70.0
Date Sampled			02/21/05	02/21/05	03/02/05	03/03/05	03/03/05
Parameter	Units	Criteria*					
Semivolatile Organic Compounds							
Indeno(1,2,3-cd)pyrene	UG/L	0.002	47 U	100 U	10 U	10 U	9 U
Naphthalene	UG/L	10	29 J	89 J	250 D	5,600 D	250 D
N-Nitrosodiphenylamine	UG/L	50	47 U	100 U	10 U	10 U	9 U
Pentachlorophenol	UG/L	1	240 U	500 U	59	29 J	29 J
Phenanthrene	UG/L	50	75	80 J	10 U	56	16
Phenol	UG/L	1	47 U	100 U	32	18	9
Pyrene	UG/L	50	7 J	100 U	10 U	4 J	6 J
Total Carcinogenic PAHs	UG/L	-	ND	ND	ND	ND	ND
Total Non-Carcinogenic PAHs	UG/L	-	581	808	297	6,212	395
Total Polycyclic Aromatic Hydrocarbons	UG/L	-	581	808	297	6,212	395
Total Semivolatile Organic Compounds	UG/L	-	614	852	766	6,571	551
Metals							
Lead	UG/L	25	1.6 B	1.7 B	1.4 U	1.4 U	1.4 U

*Criteria- NYSDEC TOGS (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations, April 2000, Class GA.

Flags assigned during chemistry validation are shown.



Concentration Exceeds Criteria

J - The reported concentration is an estimated value.
D - Result reported from a secondary dilution analysis.
U - Not detected above the reported quantitation limit.
NA - Not Analyzed

Only Detected Results Reported.

Detection Limits shown are PQL

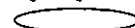
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TABLE 4-5
SUMMARY OF DETECTED RI PACKER TEST GROUNDWATER ANALYTICAL RESULTS
NYSEG - FORMER TRANSIT STREET MGP SITE
LOCKPORT, NEW YORK

Location ID			BMW-04-09	BMW-04-09	MW-15	MW-15
Sample ID			BMW0409-70-79.5	BMW-04-09-28-42	MW-15 40'	MW-15 40-50'
Matrix			Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)			70.0-79.5	28.0-42.0	11.0-40.0	40.0-50.0
Date Sampled			03/03/05	03/04/05	03/23/05	03/23/05
Parameter	Units	Criteria*				
Volatile Organic Compounds						
1,1-Dichloroethane	UG/L	5	10 U	10 U	1.0 U	10 U
1,2-Dichloroethene (cis)	UG/L	5	10 U	10 U	12	10 U
1,2-Dichloroethene (trans)	UG/L	5	10 U	10 U	2.5	10 U
Acetone	UG/L	50	50 U	50 U	5.0 U	50 U
Benzene	UG/L	1	320	490 D	1.8	10 U
Bromodichloromethane	UG/L	50	10 U	10 U	1.0 U	10 U
Carbon disulfide	UG/L	60	10 U	10 U	1.0 U	15
Chloroform	UG/L	7	10 U	10 U	0.33 J	10 U
Cyclohexane	UG/L	50	10 U	10 U	3.9	27
Ethylbenzene	UG/L	5	37	49	0.76 J	10 U
Isopropylbenzene (Cumene)	UG/L	5	2.1 J	2.8 J	0.98 J	10 U
Methyl ethyl ketone (2-Butanone)	UG/L	50	50 U	50 U	5.0 U	50 U
Methyl tert-butyl ether	UG/L	10	82	78	1.0 U	10 U
Methylcyclohexane	UG/L	50	10 U	10 U	5.8	15
Styrene	UG/L	5	26	38	1.0 U	10 U
Tetrachloroethene	UG/L	5	10 U	10 U	0.66 J	3.0 J
Toluene	UG/L	5	270	380	4.7	12
Trichloroethene	UG/L	5	10 U	10 U	2.1	10 U
Vinyl chloride	UG/L	2	10 U	10 U	4.6	10 U
Xylene (total)	UG/L	5	100	140	1.1 J	30 U
Total BTEX	UG/L	-	727	1,059	8.36	12
Total Volatile Organic Compounds	UG/L	-	837.1	1,177.8	41.23	72

*Criteria- NYSDEC TOGS (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations. April 2000, Class GA.

Flags assigned during chemistry validation are shown.

 Concentration Exceeds Criteria

J - The reported concentration is an estimated value.

D - Result reported from a secondary dilution analysis.

U - Not detected above the reported quantitation limit.

NA - Not Analyzed

Only Detected Results Reported.

Detection Limits shown are PQL

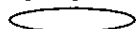
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TABLE 4-5
SUMMARY OF DETECTED RI PACKER TEST GROUNDWATER ANALYTICAL RESULTS
NYSEG - FORMER TRANSIT STREET MGP SITE
LOCKPORT, NEW YORK

Location ID			BMW-04-09	BMW-04-09	MW-15	MW-15
Sample ID			BMW0409-70-79.5	BMW-04-09-28-42	MW-15 40'	MW-15 40-50'
Matrix			Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)			70.0-79.5	28.0-42.0	11.0-40.0	40.0-50.0
Date Sampled			03/03/05	03/04/05	03/23/05	03/23/05
Parameter	Units	Criteria*				
Semivolatile Organic Compounds						
1,1-Biphenyl	UG/L	5	2 J	2 J	10 U	10 U
2,4-Dimethylphenol	UG/L	50	88	110	10 U	10 U
2-Methylnaphthalene	UG/L	50	5 J	5 J	10 U	10 U
2-Methylphenol (o-cresol)	UG/L	1	44	56	10 U	10 U
4-Methylphenol (p-cresol)	UG/L	1	63	80	10 U	10 U
Acenaphthene	UG/L	20	18	21	10 U	10 U
Acenaphthylene	UG/L	50	10	9 J	10 U	10 U
Acetophenone	UG/L	50	10 U	10 U	10 U	10 U
Anthracene	UG/L	50	10 U	10 U	10 U	10 U
Benzo(a)anthracene	UG/L	0.002	10 U	10 U	10 U	10 U
Benzo(a)pyrene	UG/L	ND	10 U	10 U	10 U	10 U
Benzo(b)fluoranthene	UG/L	0.002	10 U	10 U	10 U	10 U
Benzo(g,h,i)perylene	UG/L	50	10 U	10 U	10 U	10 U
Benzo(k)fluoranthene	UG/L	0.002	10 U	10 U	10 U	10 U
bis(2-Ethylhexyl)phthalate	UG/L	5	10 U	10 U	10 U	10 U
Carbazole	UG/L	50	2 J	2 J	10 U	10 U
Chrysene	UG/L	0.002	10 U	10 U	10 U	10 U
Dibenz(a,h)anthracene	UG/L	50	10 U	10 U	10 U	10 U
Dibenzofuran	UG/L	50	2 J	3.0 J	10 U	10 U
Diethylphthalate	UG/L	50	10 U	10 U	10 U	10 U
Fluoranthene	UG/L	50	10 U	10 U	10 U	10 U
Fluorene	UG/L	50	4 J	2 J	2 J	10 U

*Criteria- NYSDEC TOGS (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations, April 2000, Class GA.

Flags assigned during chemistry validation are shown.



Concentration Exceeds Criteria

J - The reported concentration is an estimated value.
D - Result reported from a secondary dilution analysis.
U - Not detected above the reported quantitation limit.
NA - Not Analyzed

Only Detected Results Reported.

Detection Limits shown are PQL

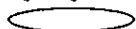
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TABLE 4-5
SUMMARY OF DETECTED RI PACKER TEST GROUNDWATER ANALYTICAL RESULTS
NYSEG - FORMER TRANSIT STREET MGP SITE
LOCKPORT, NEW YORK

Location ID			BMW-04-09	BMW-04-09	MW-15	MW-15
Sample ID			BMW0409-70-79.5	BMW-04-09-28-42	MW-15 40'	MW-15 40-50'
Matrix			Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)			70.0-79.5	28.0-42.0	11.0-40.0	40.0-50.0
Date Sampled			03/03/05	03/04/05	03/23/05	03/23/05
Parameter	Units	Criteria*				
Semivolatile Organic Compounds						
Indeno(1,2,3-cd)pyrene	UG/L	0.002	10 U	10 U	10 U	10 U
Naphthalene	UG/L	10	140	180 D	10 U	10 U
N-Nitrosodiphenylamine	UG/L	50	10 U	10 U	10 U	10 U
Pentachlorophenol	UG/L	1	38 J	40 J	48 U	50 U
Phenanthrene	UG/L	50	4 J	2 J	10 U	10 U
Phenol	UG/L	1	17	22	10 U	10 U
Pyrene	UG/L	50	1 J	1 J	10 U	10 U
Total Carcinogenic PAHs	UG/L	-	ND	ND	ND	ND
Total Non-Carcinogenic PAHs	UG/L	-	182	220	2	ND
Total Polycyclic Aromatic Hydrocarbons	UG/L	-	182	220	2	ND
Total Semivolatile Organic Compounds	UG/L	-	438	535	2	ND
Metals						
Lead	UG/L	25	1.6 B	1.4 U	1.6 B	1.4 U

*Criteria- NYSDEC TOGS (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations, April 2000, Class GA.

Flags assigned during chemistry validation are shown.



Concentration Exceeds Criteria

J - The reported concentration is an estimated value.
D - Result reported from a secondary dilution analysis.
U - Not detected above the reported quantitation limit.
NA - Not Analyzed

Only Detected Results Reported.

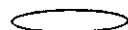
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TABLE 4-6
STATISTICAL SUMMARY OF DETECTED RI PACKER TEST GROUNDWATER ANALYTICAL RESULTS
NYSEG - FORMER TRANSIT STREET MGP SITE

Parameter	Units	Criteria*	No. of Samples	No. of Detections	Range of Detections					No. Exceed	Dist	Location of Max Value	Depth Of Max
					Min	Max	Avg	StdDev	UCL95				
Volatile Organic Compounds													
1,1-Dichloroethane	UG/L	5	13	1	0.540	0.540	0.540	-	-	0	Non-Normal	BMW-04-03	42-57
1,2-Dichloroethene (cis)	UG/L	5	13	1	12.00	12.00	12.00	-	-	1	Non-Normal	MW-15	11-40
1,2-Dichloroethene (trans)	UG/L	5	13	1	2.50	2.50	2.50	-	-	0	Non-Normal	MW-15	11-40
Acetone	UG/L	50	13	1	22.00	22.00	22.00	-	-	0	Non-Normal	BMW-04-03	57-72
Benzene	UG/L	1	13	12	1.80	660.0	236.8	232.0	368.1	12	Normal	BMW-04-09	20.5-29.5
Bromodichloromethane	UG/L	50	13	1	0.420	0.420	0.420	-	-	0	Non-Normal	BMW-04-03	57-72
Carbon disulfide	UG/L	60	13	6	0.280	15.00	4.57	5.86	9.26	0	Non-Normal	MW-15	40-50
Chloroform	UG/L	7	13	2	0.330	1.60	0.965	0.898	2.21	0	Non-Normal	BMW-04-03	57-72
Cyclohexane	UG/L	50	13	8	0.270	37.00	11.10	13.33	20.33	0	Non-Normal	BMW-04-01	60-70
Ethylbenzene	UG/L	5	13	12	0.690	870.0	153.2	241.3	289.8	10	Non-Normal	BMW-04-09	42-56
Isopropylbenzene (Cumene)	UG/L	5	13	11	0.980	120.0	19.99	35.06	40.71	4	Non-Normal	BMW-04-09	42-56
Methyl ethyl ketone (2-Butanone)	UG/L	50	13	1	12.00	12.00	12.00	-	-	0	Non-Normal	BMW-04-03	57-72
Methyl tert-butyl ether	UG/L	10	13	5	43.00	82.00	65.60	19.35	82.56	5	Normal	BMW-04-09	70-79.5
Methylcyclohexane	UG/L	50	13	5	2.40	19.00	9.36	7.22	15.69	0	Non-Normal	BMW-04-01	60-70
Styrene	UG/L	5	13	6	1.10	350.0	87.02	130.3	191.3	5	Non-Normal	BMW-04-01	45-60
Tetrachloroethene	UG/L	5	13	2	0.660	3.00	1.83	1.65	4.12	0	Non-Normal	MW-15	40-50
Toluene	UG/L	5	13	13	4.70	1,000	228.9	293.0	388.2	12	Non-Normal	BMW-04-01	45-60

*Criteria- NYSDEC TOGS (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations, April 2000, Class GA.



Concentration Exceeds Criteria

Only Detected Results Reported.

Advanced Selection: Transit RI Pack
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WHERE [SITEID] = '01' AND ([SACODE] = '1' OR [SACODE] = 'F0') AND [MATRIX] = 'WG' AND ([LOGDATE] BETWEEN #2/1/2006 AND #3/23/05

 Concentration Exceeds Criteria

Advanced Selection: Transl RI Pack
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WHERE (SITEID) = '01' AND (ISCODE) = 'N' OR (SCODE) = 'FD' AND (MATRIX) = 'WO' AND (LOGDATE) BETWEEN #2/17/06 AND #3/23/06

TABLE 4-6
STATISTICAL SUMMARY OF DETECTED RI PACKER TEST GROUNDWATER ANALYTICAL RESULTS
NYSEG - FORMER TRANSIT STREET MGP SITE

Parameter	Units	Criteria*	No. of Samples	No. of Detections	Range of Detections					No. Exceed	Dist	Location of Max Value	Depth Of Max
					Min	Max	Avg	StdDev	UCL95				
Semivolatile Organic Compounds													
Benzo(k)fluoranthene	UG/L	0.002	13	2	10.00	23.00	16.50	9.19	29.24	2	Non-Normal	BMW-04-03	57-72
bis(2-Ethylhexyl)phthalate	UG/L	5	13	1	26.00	26.00	26.00	-	-	1	Non-Normal	BMW-04-03	57-72
Carbazole	UG/L	50	13	6	2.00	55.00	12.00	21.12	28.90	1	Non-Normal	BMW-04-09	42-56
Chrysene	UG/L	0.002	13	2	13.00	28.00	20.50	10.81	35.20	2	Non-Normal	BMW-04-03	57-72
Dibenz(a,h)anthracene	UG/L	50	13	1	3.00	3.00	3.00	-	-	0	Non-Normal	BMW-04-03	57-72
Dibenzofuran	UG/L	50	13	7	2.00	18.00	7.29	6.73	12.27	0	Non-Normal	BMW-04-03	57-72
Diethylphthalate	UG/L	50	13	1	3.00	3.00	3.00	-	-	0	Non-Normal	BMW-04-03	57-72
Fluoranthene	UG/L	50	13	5	2.00	72.00	22.40	29.47	48.23	1	Non-Normal	BMW-04-03	57-72
Fluorene	UG/L	50	13	12	2.00	110.0	32.08	34.95	51.86	3	Non-Normal	BMW-04-03	57-72
Indeno(1,2,3-cd)pyrene	UG/L	0.002	13	1	7.00	7.00	7.00	-	-	1	Non-Normal	BMW-04-03	57-72
Naphthalene	UG/L	10	13	11	9.00	5,600	772.3	1,675	1,762	10	Non-Normal	BMW-04-09	42-56
N-Nitrosodiphenylamine	UG/L	50	13	1	7.00	7.00	7.00	-	-	0	Non-Normal	BMW-04-03	57-72
Pentachlorophenol	UG/L	1	13	5	29.00	59.00	39.00	12.27	49.75	5	Non-Normal	BMW-04-09	20.5-29.5
Phenanthrene	UG/L	50	13	10	2.00	270.0	64.50	78.82	113.4	5	Non-Normal	BMW-04-03	57-72
Phenol	UG/L	1	13	5	9.00	32.00	19.60	8.38	26.95	5	Non-Normal	BMW-04-09	20.5-29.5
Pyrene	UG/L	50	13	8	1.00	91.00	19.13	31.77	41.14	1	Non-Normal	BMW-04-03	57-72

*Criteria- NYSDEC TOGS (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations, April 2000, Class GA.

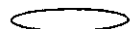
 Concentration Exceeds Criteria

Only Detected Results Reported.

TABLE 4-6
STATISTICAL SUMMARY OF DETECTED RI PACKER TEST GROUNDWATER ANALYTICAL RESULTS
NYSEG - FORMER TRANSIT STREET MGP SITE

Parameter	Units	Criteria*	No. of Samples	No. of Detections	Range of Detections					No. Exceed	Dist	Location of Max Value	Depth Of Max
					Min	Max	Avg	StdDev	UCL95				
Metals													
Lead	UG/L	25	13	5	1.60	8.30	2.96	2.99	5.58	0	Non-Normal	BMW-04-03	57-72

*Criteria- NYSDEC TOGS (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations, April 2000, Class GA.



Concentration Exceeds Criteria

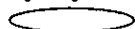
Only Detected Results Reported.

TABLE 4-7
SUMMARY OF DETECTED RI GROUNDWATER ANALYTICAL RESULTS
OVERBURDEN AND INTERFACE WELLS
NYSEG - FORMER TRANSIT STREET MGP SITE, LOCKPORT, NEW YORK

Location ID			IW-01	IW-01	IW-02	MW-10S	SMW-01D
Sample ID			IW-01-GW	IW-01-GW	IW-02-GW	MW-10S-GW	SMW-01D-GW
Matrix			Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)			6.0-11.0	6.0-11.0	16.5-21.5	3.0-13.0	44.5-51.0
Date Sampled			06/23/05	06/24/05	06/14/05	06/16/05	06/14/05
Parameter	Units	Criteria*					
Volatile Organic Compounds							
Acetone	UG/L	50	4.9 J	NA	5.0 U	250 U	5.0 U
Benzene	UG/L	1	1.0 U	NA	10	5,500 D	1.0 U
Ethylbenzene	UG/L	5	1.0 U	NA	12	2,400	1.0 U
Isopropylbenzene (Cumene)	UG/L	5	1.0 U	NA	1.0 U	25 J	1.0 U
Methyl tert-butyl ether	UG/L	10	1.0 U	NA	1.0 U	50 U	1.0 U
Methylene chloride	UG/L	5	1.0 U	NA	1.0 U	50 U	1.0 U
Styrene	UG/L	5	1.0 U	NA	5.8	50 U	1.0 U
Toluene	UG/L	5	1.0 U	NA	16	3,300	1.0 U
Xylene (total)	UG/L	5	3.0 U	NA	16	1,600	3.0 U
Total BTEX	UG/L	-	ND	NA	54	12,800	ND
Total Volatile Organic Compounds	UG/L	-	4.9	NA	59.8	12,825	ND
Semivolatile Organic Compounds							
1,1-Biphenyl	UG/L	5	NA	18 U	2 J	24	9 U
2,4-Dimethylphenol	UG/L	50	NA	18 U	10 U	150 DJ	9 U
2-Methylnaphthalene	UG/L	50	NA	18 U	2 J	360 DJ	9 U
2-Methylphenol (o-cresol)	UG/L	1	NA	18 U	10 U	130	9 U
4-Methylphenol (p-cresol)	UG/L	1	NA	18 U	10 U	240 DJ	9 U
Acenaphthene	UG/L	20	NA	18 U	10 U	82	9 U
Acenaphthylene	UG/L	50	NA	18 U	7 J	110	9 U
Anthracene	UG/L	50	NA	18 U	10 U	6 J	9 U
Carbazole	UG/L	50	NA	18 U	10 U	8 J	9 U
Dibenzofuran	UG/L	50	NA	18 U	10 U	5 J	9 U

*Criteria- NYSDEC TOGS (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations, April 2000, Class GA.

Flags assigned during chemistry validation are shown.



Concentration Exceeds Criteria

J - The reported concentration is an estimated value.
D - Result reported from a secondary dilution analysis.
U - Not detected above the reported quantitation limit.
NA - Not Analyzed

Only Detected Results Reported.

Detection Limits shown are PQL

([LOCID] LIKE 'IW-' OR [LOCID] = 'MW-10S' OR [LOCID] LIKE 'SMW-') AND ([MATRX] = 'WG' AND ([LOGDATE] BETWEEN #6/13/05# AND #9/28/05# AND ([SACODE] = 'N' OR [SACODE] = 'Y'

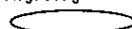
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TABLE 4-7
SUMMARY OF DETECTED RI GROUNDWATER ANALYTICAL RESULTS
OVERBURDEN AND INTERFACE WELLS
NYSEG - FORMER TRANSIT STREET MGP SITE, LOCKPORT, NEW YORK

Location ID			IW-01	IW-01	IW-02	MW-10S	SMW-01D
Sample ID			IW-01-GW	IW-01-GW	IW-02-GW	MW-10S-GW	SMW-01D-GW
Matrix			Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)			6.0-11.0	6.0-11.0	16.5-21.5	3.0-13.0	44.5-51.0
Date Sampled			06/23/05	06/24/05	06/14/05	06/16/05	06/14/05
Parameter	Units	Criteria*					
Semivolatile Organic Compounds							
Di-n-butylphthalate	UG/L	50	NA	18 U	7 J	10 U	9 U
Fluoranthene	UG/L	50	NA	18 U	2 J	5 J	9 U
Fluorene	UG/L	50	NA	18 U	3 J	32	9 U
Naphthalene	UG/L	10	NA	18 U	42	2,800 D	9 U
N-Nitrosodiphenylamine	UG/L	50	NA	18 U	10 U	10 U	9 U
Phenanthrene	UG/L	50	NA	4 J	6 J	14	9 U
Phenol	UG/L	1	NA	18 U	10 U	95	9 U
Pyrene	UG/L	50	NA	3 J	2 J	6 J	9 U
Total Non-Carcinogenic PAHs	UG/L	-	NA	7	64	3,415	ND
Total Polycyclic Aromatic Hydrocarbons	UG/L	-	NA	7	64	3,415	ND
Total Semivolatile Organic Compounds	UG/L	-	NA	7	73	4,067	ND
Metals							
Aluminum	UG/L	-	200 U	NA	200 U	246	4,790
Arsenic	UG/L	25	10.0 U	NA	10.0 U	29.7	10.0 U
Barium	UG/L	1000	37.6	NA	28.1	581	141
Cadmium	UG/L	5	1.0 U	NA	1.0 U	1.0 U	5.5
Calcium	UG/L	-	360,000	NA	168,000	129,000 J	187,000
Chromium	UG/L	50	4.0 U	NA	4.0 U	4.0 U	109
Cobalt	UG/L	-	4.0 U	NA	4.0 U	4.0 U	6.9
Copper	UG/L	200	10.0 U	NA	10.0 U	10.0 U	10.6
Iron	UG/L	300	1,720	NA	202	5,920	8,940
Magnesium	UG/L	35000	99,700	NA	59,600	21,700 J	51,300

*Criteria- NYSDEC TOGS (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations, April 2000, Class GA.

Flags assigned during chemistry validation are shown.

 Concentration Exceeds Criteria

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D - Result reported from a secondary dilution analysis.

U - Not detected above the reported quantitation limit.

NA - Not Analyzed

Only Detected Results Reported.

Detection Limits shown are PQL

{(LOCID) LIKE 'IW-' OR (LOCID) = 'MW-10S' OR (LOCID) LIKE 'SMW-'} AND (MATRIX) = 'WG' AND (LOGDATE) BETWEEN #6/13/05# AND #9/20/05# AND ((SACODE) = 'N' OR (SACODE) = 'FI

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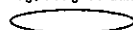
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TABLE 4-7
SUMMARY OF DETECTED RI GROUNDWATER ANALYTICAL RESULTS
OVERBURDEN AND INTERFACE WELLS
NYSEG - FORMER TRANSIT STREET MGP SITE, LOCKPORT, NEW YORK

Location ID			IW-01	IW-01	IW-02	MW-10S	SMW-01D
Sample ID			IW-01-GW	IW-01-GW	IW-02-GW	MW-10S-GW	SMW-01D-GW
Matrix			Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)			6.0-11.0	6.0-11.0	16.5-21.5	3.0-13.0	44.5-51.0
Date Sampled			06/23/05	06/24/05	06/14/05	06/16/05	06/14/05
Parameter	Units	Criteria*					
Metals							
Manganese	UG/L	300	344	NA	66.2	487	633
Nickel	UG/L	100	10.0 U	NA	10.0 U	10.0 U	86.7
Potassium	UG/L	-	30,600	NA	6,220	17,300	5,790
Sodium	UG/L	20000	902,000	NA	134,000	543,000 J	78,300
Vanadium	UG/L	-	5.0 U	NA	5.0 U	5.0 U	10.0
Zinc	UG/L	2000	273	NA	20.0 U	20.0 U	25.2
Miscellaneous Parameters							
Total Cyanide	UG/L	200	10 U	NA	10 UJ	36.0 J	10 UJ
pH	S.U.	6.5-8.5	7.21	NA	7.62	7.21	7.85
Phenolics, Total Recoverable	MG/L	0.001	0.010 UJ	NA	0.011	0.64	0.010 U
Temperature	DEG C	-	15.40	NA	13.05	13.28	15.71
Specific Conductance	MS/CM	-	7.11	NA	2.07	5.54	1.44
Dissolved Oxygen	MG/L	-	0.83	NA	0 U	0 U	0 U
Oxidation Reduction Potential	MILLIVOLTS	-	-99	NA	-171	-138	-51
Turbidity	NTU	-	1	NA	1	21	35

*Criteria- NYSDEC TOGS (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations, April 2000, Class GA.

Flags assigned during chemistry validation are shown.



Concentration Exceeds Criteria

J - The reported concentration is an estimated value.

D - Result reported from a secondary dilution analysis.

U - Not detected above the reported quantitation limit.

NA - Not Analyzed

Only Detected Results Reported.

Detection Limits shown are PQL

{(LOCID) LIKE 'IW-' OR (LOCID) = 'MW-10S' OR (LOCID) LIKE 'SMW-'} AND (MATRIX) = 'WG' AND (LOGDATE) BETWEEN #6/13/05# AND #9/29/05# AND ((SACODE) = 'V' OR (SACODE) = 'V'

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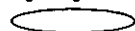
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TABLE 4-7
SUMMARY OF DETECTED RI GROUNDWATER ANALYTICAL RESULTS
OVERBURDEN AND INTERFACE WELLS
NYSEG - FORMER TRANSIT STREET MGP SITE, LOCKPORT, NEW YORK

Location ID			SMW-01S	SMW-03D	SMW-03S	SMW-04S/D	SMW-06D
Sample ID			SMW-01S-GW	SMW03D-GW	SMW-03S	SMW4-SD-GW	MW-6D-GW
Matrix			Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)			22.5-33.0	17.0-22.6	6.5-17.0	8.0-18.0	8.5-14.0
Date Sampled			06/14/05	06/21/05	06/20/05	06/22/05	06/16/05
Parameter	Units	Criteria*					
Volatile Organic Compounds							
Acetone	UG/L	50	5.0 U	5.0 U	5.0 U	5.0 U	120 U
Benzene	UG/L	1	1.0 U	1.0 U	1.0 U	1.0 U	790
Ethylbenzene	UG/L	5	1.0 U	1.0 U	1.0 U	1.0 U	1,300
Isopropylbenzene (Cumene)	UG/L	5	1.0 U	1.0 U	1.0 U	1.0 U	41
Methyl tert-butyl ether	UG/L	10	1.0 U	62	3.0	0.50 J	25 U
Methylene chloride	UG/L	5	1.0 U	1.0 U	1.0 U	1.0 U	25 U
Styrene	UG/L	5	0.60 J	1.0 U	1.0 U	1.0 U	25 U
Toluene	UG/L	5	1.0 U	1.0 U	1.0 U	1.0 U	850
Xylene (total)	UG/L	5	3.0 U	3.0 U	3.0 U	3.0 U	850
Total BTEX	UG/L	-	ND	ND	ND	ND	3,790
Total Volatile Organic Compounds	UG/L	-	0.6	62	3	0.5	3,831
Semivolatile Organic Compounds							
1,1-Biphenyl	UG/L	5	10 U	10 U	10 U	10 U	44
2,4-Dimethylphenol	UG/L	50	10 U	10 U	10 U	10 U	9 U
2-Methylnaphthalene	UG/L	50	10 U	10 U	10 U	10 U	180 J
2-Methylphenol (o-cresol)	UG/L	1	10 U	10 U	10 U	10 U	4 J
4-Methylphenol (p-cresol)	UG/L	1	10 U	10 U	10 U	10 U	7 J
Acenaphthene	UG/L	20	10 U	10 U	10 U	10 U	210 DJ
Acenaphthylene	UG/L	50	10 U	4 J	10 U	10 U	40
Anthracene	UG/L	50	10 U	10 U	10 U	10 U	11
Carbazole	UG/L	50	10 U	10 U	10 U	10 U	9
Dibenzofuran	UG/L	50	10 U	10 U	10 U	10 U	7 J

*Criteria- NYSDEC TOGS (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations, April 2000, Class GA.

Flags assigned during chemistry validation are shown.



Concentration Exceeds Criteria

J - The reported concentration is an estimated value.
D - Result reported from a secondary dilution analysis.
U - Not detected above the reported quantitation limit.
NA - Not Analyzed

Only Detected Results Reported.

Detection Limits shown are PQL

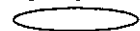
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((LOCID) LIKE 'TW-' OR (LOCID) = 'MW-105' OR (LOCID) LIKE 'SMW-') AND (MATRIX) = 'WG' AND (LOGDATE) BETWEEN #6/13/05# AND #6/20/05# AND ((SACODE) = 'N' OR (SACODE) = 'F')

TABLE 4-7
SUMMARY OF DETECTED RI GROUNDWATER ANALYTICAL RESULTS
OVERBURDEN AND INTERFACE WELLS
NYSEG - FORMER TRANSIT STREET MGP SITE, LOCKPORT, NEW YORK

Location ID			SMW-01S	SMW-03D	SMW-03S	SMW-04S/D	SMW-06D
Sample ID			SMW-01S-GW	SMW03D-GW	SMW-03S	SMW4-SD-GW	MW-6D-GW
Matrix			Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)			22.5-33.0	17.0-22.6	6.5-17.0	8.0-18.0	8.5-14.0
Date Sampled			06/14/05	06/21/05	06/20/05	06/22/05	06/16/05
Parameter	Units	Criteria*					
Semivolatile Organic Compounds							
Di-n-butylphthalate	UG/L	50	10 U	10 U	10 U	10 U	9 U
Fluoranthene	UG/L	50	10 U	10 U	10 U	10 U	4 J
Fluorene	UG/L	50	10 U	10 U	10 U	10 U	55
Naphthalene	UG/L	10	10 U	10 U	10 U	2 J	2,800 D
N-Nitrosodiphenylamine	UG/L	50	10 U	10 U	10 U	10 U	9 U
Phenanthrene	UG/L	50	10 U	10 U	10 U	10 U	60
Phenol	UG/L	1	10 U	10 U	10 U	10 U	3 J
Pyrene	UG/L	50	10 U	10 U	10 U	10 U	4 J
Total Non-Carcinogenic PAHs	UG/L	-	ND	4	ND	2	3,364
Total Polycyclic Aromatic Hydrocarbons	UG/L	-	ND	4	ND	2	3,364
Total Semivolatile Organic Compounds	UG/L	-	ND	4	ND	2	3,438
Metals							
Aluminum	UG/L	-	200 U	200 U	200 U	905	200 U
Arsenic	UG/L	25	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U
Barium	UG/L	1000	79.0	25.8	71.4	56.0	181
Cadmium	UG/L	5	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Calcium	UG/L	-	154,000	219,000	153,000	137,000	121,000 J
Chromium	UG/L	50	97.6	30.9	294	4.0 U	4.0 U
Cobalt	UG/L	-	4.0 U	4.0 U	4.0 U	4.0 U	4.0 U
Copper	UG/L	200	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U
Iron	UG/L	300	728	1,070	1,710	1,120	297
Magnesium	UG/L	35000	32,900	62,500	38,000	38,200	36,400 J

*Criteria- NYSDEC TOGS (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations. April 2000, Class GA.

Flags assigned during chemistry validation are shown.



Concentration Exceeds Criteria

J - The reported concentration is an estimated value.

D - Result reported from a secondary dilution analysis.

U - Not detected above the reported quantitation limit.

NA - Not Analyzed

Only Detected Results Reported.

Detection Limits shown are PQL

{(LOCID) LIKE 'TW-' OR (LOCID) = 'MW-10S' OR (LOCID) LIKE 'SMW-'} AND (MATRIX) = 'WG' AND (LOGDATE) BETWEEN #01/05# AND #06/05# AND ((SACODE) = 'Y' OR (SACODE) = 'F'

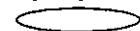
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TABLE 4-7
SUMMARY OF DETECTED RI GROUNDWATER ANALYTICAL RESULTS
OVERBURDEN AND INTERFACE WELLS
NYSEG - FORMER TRANSIT STREET MGP SITE, LOCKPORT, NEW YORK

Location ID			SMW-01S	SMW-03D	SMW-03S	SMW-04S/D	SMW-06D
Sample ID			SMW-01S-GW	SMW03D-GW	SMW-03S	SMW4-SD-GW	MW-6D-GW
Matrix			Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)			22.5-33.0	17.0-22.6	6.5-17.0	8.0-18.0	8.5-14.0
Date Sampled			06/14/05	06/21/05	06/20/05	06/22/05	06/16/05
Parameter	Units	Criteria*					
Metals							
Manganese	UG/L	300	46.5	124	63.6	32.3	232
Nickel	UG/L	100	136	10.0 U	243	10.0 U	10.0 U
Potassium	UG/L	-	20,300	6,220	6,640	3,590	8,650
Sodium	UG/L	20000	29,200	170,000	205,000	149,000	114,000 J
Vanadium	UG/L	-	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Zinc	UG/L	2000	20.0 U	62.5	37.6	43.8	387
Miscellaneous Parameters							
Total Cyanide	UG/L	200	10 UJ	10 U	10 UJ	10 U	11.1 J
pH	S.U.	6.5-8.5	8.24	8.59	7.72	7.36	7.64
Phenolics, Total Recoverable	MG/L	0.001	0.016	0.010 UJ	0.010 U	0.010 UJ	0.021
Temperature	DEG C	-	13.23	16.45	15.75	11.84	12.29
Specific Conductance	MS/CM	-	1.42	2.32	2.26	1.78	1.68
Dissolved Oxygen	MG/L	-	6.28	0 U	0.61	0.57	0 U
Oxidation Reduction Potential	MILLIVOLTS	-	1	-163	-44	62	-269
Turbidity	NTU	-	2	2	15	162	4

*Criteria- NYSDEC TOGS (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations, April 2000, Class GA.

Flags assigned during chemistry validation are shown.



Concentration Exceeds Criteria

J - The reported concentration is an estimated value.
D - Result reported from a secondary dilution analysis.
U - Not detected above the reported quantitation limit.
NA - Not Analyzed

Only Detected Results Reported.

Detection Limits shown are PQL

{(LOCID) LIKE 'W-' OR (LOCID) = 'MW-10S' OR (LOCID) LIKE 'SMW-'} AND (MATRIX) = 'WG' AND (LOGDATE) BETWEEN #5/13/05# AND #9/20/05# AND ((SACODE) = 'N' OR (SACODE) = 'Y'

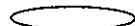
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TABLE 4-7
SUMMARY OF DETECTED RI GROUNDWATER ANALYTICAL RESULTS
OVERBURDEN AND INTERFACE WELLS
NYSEG - FORMER TRANSIT STREET MGP SITE, LOCKPORT, NEW YORK

Location ID			SMW-06S	SMW-10	SMW-11
Sample ID			SMW-06S-GW	SMW-10-GW	SMW-11-GW
Matrix			Groundwater	Groundwater	Groundwater
Depth Interval (ft)			3.0-8.5	10.5-20.5	5.0-10.0
Date Sampled			06/15/05	06/17/05	06/22/05
Parameter	Units	Criteria*			
Volatile Organic Compounds					
Acetone	UG/L	50	29	5.0 U	500 U
Benzene	UG/L	1	870 D	1.0 U	380
Ethylbenzene	UG/L	5	82	1.0 U	790
Isopropylbenzene (Cumene)	UG/L	5	1.1 J	1.0 U	100 U
Methyl tert-butyl ether	UG/L	10	4.0 U	1.0 U	100 U
Methylene chloride	UG/L	5	2.5 J	1.0 U	100 U
Styrene	UG/L	5	4.0 U	1.0 U	750
Toluene	UG/L	5	6.7	1.0 U	3,400
Xylene (total)	UG/L	5	51	3.0 U	4,300
Total BTEX	UG/L	-	1,009.7	ND	8,870
Total Volatile Organic Compounds	UG/L	-	1,042.3	ND	9,620
Semivolatile Organic Compounds					
1,1-Biphenyl	UG/L	5	10 U	10 U	30
2,4-Dimethylphenol	UG/L	50	10 U	10 U	32
2-Methylnaphthalene	UG/L	50	10 U	10 U	490 J
2-Methylphenol (o-cresol)	UG/L	1	10 U	10 U	15
4-Methylphenol (p-cresol)	UG/L	1	10 U	10 U	15
Acenaphthene	UG/L	20	5 J	10 U	19
Acenaphthylene	UG/L	50	10 U	10 U	230 J
Anthracene	UG/L	50	10 U	10 U	8 J
Carbazole	UG/L	50	10 U	10 U	160 J
Dibenzofuran	UG/L	50	10 U	10 U	36

*Criteria- NYSDEC TOGS (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations. April 2000, Class GA.

Flags assigned during chemistry validation are shown.



Concentration Exceeds Criteria

J - The reported concentration is an estimated value.

D - Result reported from a secondary dilution analysis.

U - Not detected above the reported quantitation limit.

NA - Not Analyzed

Only Detected Results Reported.

Detection Limits shown are PQL

([LOCID] LIKE 'TW-' OR [LOCID] = 'MW-10S' OR [LOCID] LIKE 'SMW-') AND [MATRIX] = 'WG' AND ([LOGDATE] BETWEEN #9/13/05# AND #9/23/05# AND ([SACODE] = 'N' OR [SACODE] = 'Y'

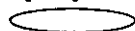
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TABLE 4-7
SUMMARY OF DETECTED RI GROUNDWATER ANALYTICAL RESULTS
OVERBURDEN AND INTERFACE WELLS
NYSEG - FORMER TRANSIT STREET MGP SITE, LOCKPORT, NEW YORK

Location ID			SMW-06S	SMW-10	SMW-11
Sample ID			SMW-06S-GW	SMW-10-GW	SMW-11-GW
Matrix			Groundwater	Groundwater	Groundwater
Depth Interval (ft)			3.0-8.5	10.5-20.5	5.0-10.0
Date Sampled			06/15/05	06/17/05	06/22/05
Parameter	Units	Criteria*			
Semivolatile Organic Compounds					
Di-n-butylphthalate	UG/L	50	10 U	10 U	10 U
Fluoranthene	UG/L	50	10 U	10 U	2 J
Fluorene	UG/L	50	10 U	10 U	42
Naphthalene	UG/L	10	10 U	10 U	16,000 D
N-Nitrosodiphenylamine	UG/L	50	10 U	10 U	2 J
Phenanthrene	UG/L	50	10 U	10 U	20
Phenol	UG/L	1	10	10 U	10 U
Pyrene	UG/L	50	10 U	10 U	1 J
Total Non-Carcinogenic PAHs	UG/L	-	5	ND	16,812
Total Polycyclic Aromatic Hydrocarbons	UG/L	-	5	ND	16,812
Total Semivolatile Organic Compounds	UG/L	-	15	ND	17,102
Metals					
Aluminum	UG/L	-	200 U	4,480	200 U
Arsenic	UG/L	25	10.0 U	10.0 U	27.8
Barium	UG/L	1000	87.4	77.4	573
Cadmium	UG/L	5	2.6	1.0 U	1.0 U
Calcium	UG/L	-	89,400	90,000	119,000
Chromium	UG/L	50	32.6	5.2	4.0 U
Cobalt	UG/L	-	9.7	4.0 U	4.0 U
Copper	UG/L	200	10.0 U	10.0 U	10.0 U
Iron	UG/L	300	11,000	4,370	2,190
Magnesium	UG/L	35000	22,700	34,000	24,800

*Criteria - NYSDEC TOGS (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations, April 2000, Class GA.

Flags assigned during chemistry validation are shown.

 Concentration Exceeds Criteria

J - The reported concentration is an estimated value.

D - Result reported from a secondary dilution analysis.

U - Not detected above the reported quantitation limit.

NA - Not Analyzed

Only Detected Results Reported.

Detection Limits shown are PQL

(LOCKID) LIKE 'IW-' OR (LOCKID) LIKE 'IW-10S' OR (LOCKID) LIKE 'SMW-?' AND (MATRIX) = 'WG' AND (LOGDATE) BETWEEN #6/13/05# AND #6/23/05# AND (SACODE) = 'N' OR (SACODE) = 'F'

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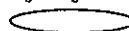
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TABLE 4-7
SUMMARY OF DETECTED RI GROUNDWATER ANALYTICAL RESULTS
OVERBURDEN AND INTERFACE WELLS
NYSEG - FORMER TRANSIT STREET MGP SITE, LOCKPORT, NEW YORK

Location ID			SMW-06S	SMW-10	SMW-11
Sample ID			SMW-06S-GW	SMW-10-GW	SMW-11-GW
Matrix			Groundwater	Groundwater	Groundwater
Depth Interval (ft)			3.0-8.5	10.5-20.5	5.0-10.0
Date Sampled			06/15/05	06/17/05	06/22/05
Parameter	Units	Criteria*			
Metals					
Manganese	UG/L	300	681	185	399
Nickel	UG/L	100	748	10.0 U	10.0 U
Potassium	UG/L	-	9,670	5,660 J	6,320
Sodium	UG/L	20000	653,000	43,500	159,000
Vanadium	UG/L	-	5.0 U	7.6	5.0 U
Zinc	UG/L	2000	20.0 U	26.2	20.0 U
Miscellaneous Parameters					
Total Cyanide	UG/L	200	34.9 J	10 U	127
pH	S.U.	6.5-8.5	7.78	7.78	7.78
Phenolics, Total Recoverable	MG/L	0.001	0.023	0.010 UJ	0.16 J
Temperature	DEG C	-	14.83	12.90	18.92
Specific Conductance	MS/CM	-	6.18	0.707	1.74
Dissolved Oxygen	MG/L	-	0 U	0 U	2.11
Oxidation Reduction Potential	MILLIVOLTS	-	-173	-44	-114
Turbidity	NTU	-	2	471	4

*Criteria- NYSEDEC TOGS (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations. April 2000, Class GA.

Flags assigned during chemistry validation are shown.

 Concentration Exceeds Criteria

J - The reported concentration is an estimated value.

D - Result reported from a secondary dilution analysis.

U - Not detected above the reported quantitation limit.

NA - Not Analyzed

Only Detected Results Reported.

Detection Limits shown are PQL

([LOCID] LIKE 'IW-' OR [LOCID] = 'MW-10S' OR [LOCID] LIKE 'SMW-') AND [MATRIX] = 'WG' AND [LOGDATE] BETWEEN #6/13/05# AND #6/20/05# AND ([SACODE] = 'N' OR [SACODE] = 'F')

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TABLE 4-8
STATISTICAL SUMMARY OF RI GROUNDWATER ANALYTICAL RESULTS
OVERBURDEN AND INTERFACE WELLS
NYSEG - FORMER TRANSIT STREET MGP SITE

Parameter	Units	Criteria*	No. of Samples	No. of Detections	Range of Detections					No. Exceed	Dist	Location of Max Value	Depth Of Max
					Min	Max	Avg	StdDev	UCL95				
Volatile Organic Compounds													
Acetone	UG/L	50	12	2	4.90	29.00	16.95	17.04	40.57	0	Non-Normal	SMW-06S	3-8.5
Benzene	UG/L	1	12	5	10.00	5,500	1,510	2,257	3,488	5	Non-Normal	MW-10S	3-13
Ethylbenzene	UG/L	5	12	5	12.00	2,400	916.8	984.7	1,780	5	Non-Normal	MW-10S	3-13
Isopropylbenzene (Cumene)	UG/L	5	12	3	1.10	41.00	22.37	20.08	45.09	2	Non-Normal	SMW-06D	8.5-14
Methyl tert-butyl ether	UG/L	10	12	3	0.500	62.00	21.83	34.81	61.22	1	Non-Normal	SMW-03D	17-22.6
Methylene chloride	UG/L	5	12	1	2.50	2.50	2.50	-	-	0	Non-Normal	SMW-06S	3-8.5
Styrene	UG/L	5	12	3	0.600	750.0	252.1	431.2	740.1	2	Non-Normal	SMW-11	5-10
Toluene	UG/L	5	12	5	6.70	3,400	1,515	1,711	3,014	5	Non-Normal	SMW-11	5-10
Xylene (total)	UG/L	5	12	5	16.00	4,300	1,363	1,766	2,912	5	Non-Normal	SMW-11	5-10
Semivolatile Organic Compounds													
1,1-Biphenyl	UG/L	5	12	4	2.00	44.00	25.00	17.47	42.12	3	Non-Normal	SMW-06D	8.5-14
2,4-Dimethylphenol	UG/L	50	12	2	32.00	150.0	91.00	83.44	206.6	1	Non-Normal	MW-10S	3-13
2-Methylnaphthalene	UG/L	50	12	4	2.00	490.0	258.0	212.8	468.5	3	Non-Normal	SMW-11	5-10
2-Methylphenol (o-cresol)	UG/L	1	12	3	4.00	130.0	49.67	69.79	128.6	3	Non-Normal	MW-10S	3-13
4-Methylphenol (p-cresol)	UG/L	1	12	3	7.00	240.0	87.33	132.3	237.0	3	Non-Normal	MW-10S	3-13
Acenaphthene	UG/L	20	12	4	5.00	210.0	79.00	93.53	170.7	2	Non-Normal	SMW-06D	8.5-14
Acenaphthylene	UG/L	50	12	5	4.00	230.0	78.20	94.99	161.5	2	Non-Normal	SMW-11	5-10

*Criteria- NYSDEC TOGS (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations, April 2000, Class GA.

○ Concentration Exceeds Criteria

Only Detected Results Reported.

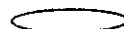
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WHERE ([LOCID] LIKE 'W-' OR [LOCID] = 'MW-10S' OR [LOCID] LIKE 'SMW-') AND [MATRIX] = 'WQ' AND ([LOGDATE] BETWEEN #6/13/05# AND #6/26/05#

TABLE 4-8
STATISTICAL SUMMARY OF RI GROUNDWATER ANALYTICAL RESULTS
OVERBURDEN AND INTERFACE WELLS
NYSEG - FORMER TRANSIT STREET MGP SITE

Parameter	Units	Criteria*	No. of Samples	No. of Detections	Range of Detections					No. Exceed	Dist	Location of Max Value	Depth Of Max
					Min	Max	Avg	StdDev	UCL95				
Semivolatile Organic Compounds													
Anthracene	UG/L	50	12	3	6.00	11.00	8.33	2.52	11.18	0	Non-Normal	SMW-06D	8.5-14
Carbazole	UG/L	50	12	3	8.00	160.0	59.00	87.47	158.0	1	Non-Normal	SMW-11	5-10
Dibenzofuran	UG/L	50	12	3	5.00	36.00	16.00	17.35	35.63	0	Non-Normal	SMW-11	5-10
Di-n-butylphthalate	UG/L	50	12	1	7.00	7.00	7.00	-	-	0	Non-Normal	IW-02	16.5-21.5
Fluoranthene	UG/L	50	12	4	2.00	5.00	3.25	1.50	4.72	0	Normal	MW-10S	3-13
Fluorene	UG/L	50	12	4	3.00	55.00	33.00	22.11	54.66	1	Non-Normal	SMW-06D	8.5-14
Naphthalene	UG/L	10	12	5	2.00	1.60E+04	4,329	6,671	1.02E+04	4	Non-Normal	SMW-11	5-10
N-Nitrosodiphenylamine	UG/L	50	12	1	2.00	2.00	2.00	-	-	0	Non-Normal	SMW-11	5-10
Phenanthrene	UG/L	50	12	5	4.00	60.00	20.80	22.83	40.81	1	Non-Normal	SMW-06D	8.5-14
Phenol	UG/L	1	12	3	3.00	95.00	36.00	51.22	93.96	3	Non-Normal	MW-10S	3-13
Pyrene	UG/L	50	12	5	1.00	6.00	3.20	1.92	4.89	0	Non-Normal	MW-10S	3-13
Metals													
Aluminum	UG/L	-	12	4	246.0	4,790	2,605	2,363	4,921	0	Non-Normal	SMW-01D	44.5-51
Arsenic	UG/L	25	12	2	27.80	29.70	28.75	1.34	30.61	2	Non-Normal	MW-10S	3-13
Barium	UG/L	1000	12	12	25.80	581.0	161.6	199.2	274.2	0	Non-Normal	MW-10S	3-13
Cadmium	UG/L	5	12	2	2.60	5.50	4.05	2.05	6.89	1	Non-Normal	SMW-01D	44.5-51
Calcium	UG/L	-	12	12	8.94E+04	3.60E+05	1.61E+05	7.32E+04	2.02E+05	0	Non-Normal	IW-01	6-11

*Criteria- NYSDEC TOGS (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations, April 2000, Class GA.

 Concentration Exceeds Criteria

Only Detected Results Reported.

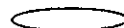
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WHERE ([LOCID] LIKE 'IW-' OR [LOCID] = 'MW-10S' OR [LOCID] LIKE 'SMW-') AND [MATRIX] = 'WG' AND [LOGDATE] BETWEEN #8/1/2006# AND #8/20/06#

TABLE 4-8
STATISTICAL SUMMARY OF RI GROUNDWATER ANALYTICAL RESULTS
OVERBURDEN AND INTERFACE WELLS
NYSEG - FORMER TRANSIT STREET MGP SITE

Parameter	Units	Criteria*	No. of Samples	No. of Detections	Range of Detections					No. Exceed	Dist	Location of Max Value	Depth Of Max
					Min	Max	Avg	StdDev	UCL95				
Metals													
Chromium	UG/L	50	12	6	5.20	294.0	94.88	105.7	179.5	3	Non-Normal	SMW-03S	6.5-17
Cobalt	UG/L	-	12	2	6.90	9.70	8.30	1.98	11.04	0	Non-Normal	SMW-06S	3-8.5
Copper	UG/L	200	12	1	10.60	10.60	10.60	-	-	0	Non-Normal	SMW-01D	44.5-51
Iron	UG/L	300	12	12	202.0	1.10E+04	3,272	3,572	5,293	10	Non-Normal	SMW-06S	3-8.5
Magnesium	UG/L	35000	12	12	2.17E+04	9.97E+04	4.35E+04	2.22E+04	5.60E+04	7	Non-Normal	IW-01	6-11
Manganese	UG/L	300	12	12	32.30	681.0	274.5	231.6	405.5	5	Normal	SMW-06S	3-8.5
Nickel	UG/L	100	12	4	86.70	748.0	303.4	303.5	600.8	3	Non-Normal	SMW-06S	3-8.5
Potassium	UG/L	-	12	12	3,590	3.06E+04	1.06E+04	8,049	1.51E+04	0	Non-Normal	IW-01	6-11
Sodium	UG/L	20000	12	12	2.92E+04	9.02E+05	2.65E+05	2.78E+05	4.22E+05	12	Non-Normal	IW-01	6-11
Vanadium	UG/L	-	12	2	7.60	10.00	8.80	1.70	11.15	0	Non-Normal	SMW-01D	44.5-51
Zinc	UG/L	2000	12	7	25.20	387.0	122.2	146.3	230.5	0	Non-Normal	SMW-06D	8.5-14
Miscellaneous Parameters													
Total Cyanide	UG/L	200	12	4	11.10	127.0	52.25	51.14	102.4	0	Non-Normal	SMW-11	5-10
pH	S.U.	8.5	12	12	7.21	8.59	7.73	0.395	7.96	1	Normal	SMW-03D	17-22.6
Phenolics, Total Recoverable	MG/L	0.001	12	6	0.011	0.640	0.145	0.249	0.344	6	Non-Normal	MW-10S	3-13
Temperature	DEG C	-	12	12	11.84	18.92	14.47	2.07	15.64	0	Normal	SMW-11	5-10
Specific Conductance	MS/CM	-	12	12	0.707	7.11	2.85	2.13	4.06	0	Non-Normal	IW-01	6-11

*Criteria- NYSDEC TOGS (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations. April 2000, Class GA.

 Concentration Exceeds Criteria

Only Detected Results Reported.

TABLE 4-8
STATISTICAL SUMMARY OF RI GROUNDWATER ANALYTICAL RESULTS
OVERBURDEN AND INTERFACE WELLS
NYSEG - FORMER TRANSIT STREET MGP SITE

Parameter	Units	Criteria*	No. of Samples	No. of Detections	Range of Detections					No. Exceed	Dist	Location of Max Value	Depth Of Max
					Min	Max	Avg	StdDev	UCL95				
Miscellaneous Parameters													
Dissolved Oxygen	MG/L	-	12	5	0.570	6.28	2.08	2.43	4.21	0	Non-Normal	SMW-01S	22.5-33
Oxidation Reduction Potential	MILLIVOLTS	-	12	12	-2.69E+02	62.00	-1.00E+02	90.28	-4.92E+01	0	Normal	SMW-04S/D	8-18
Turbidity	NTU	-	12	12	1.00	471.0	60.00	137.1	137.6	0	Non-Normal	SMW-10	10.5-20.5

*Criteria- NYSDEC TOGS (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations. April 2000, Class GA.

Concentration Exceeds Criteria

Only Detected Results Reported.

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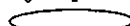
WHERE ([LOCID] LIKE 'W-' OR [LOCID] = 'WW-105' OR [LOCID] LIKE 'SMW-') AND [MATRIX] = 'WG' AND [LOGDATE] BETWEEN #6/13/05# AND #9/20/05#

TABLE 4-9
SUMMARY OF DETECTED RI GROUNDWATER ANALYTICAL RESULTS
SHALLOW BEDROCK WELLS
NYSEG - FORMER TRANSIT STREET MGP SITE, LOCKPORT, NEW YORK

Location ID			BMW-04-08	MW-05	MW-06	MW-10	MW-11
Sample ID			BMW4-08-GW	MW-05-GW	MW-6-GW	MW-10-GW	MW-11-GW
Matrix			Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)			20.5-45.8	21.8-50.0	24.0-35.5	18.0-34.5	11.4-30.0
Date Sampled			06/21/05	06/23/05	06/13/05	06/27/05	06/24/05
Parameter	Units	Criteria*					
Volatile Organic Compounds							
Benzene	UG/L	1	0.68 J	1.0 U	13	7,100 D	26
Cyclohexane	UG/L	50	1.0 U	1.0 U	0.85 J	80 U	1.5
Ethylbenzene	UG/L	5	0.98 J	1.0 U	19	2,300	9.6
Isopropylbenzene (Cumene)	UG/L	5	1.5	1.0 U	3.8	80 U	3.0
Methyl tert-butyl ether	UG/L	10	2.1	51	1.0 U	80 U	1.0 U
Styrene	UG/L	5	1.0 U	1.0 U	4.4	3,200	1.0 U
Toluene	UG/L	5	1.0	1.0 U	10	5,700 D	1.0 U
Xylene (total)	UG/L	5	4.7	3.0 U	22	4,900	6.0
Total BTEX	UG/L	-	7.36	ND	64	20,000	41.6
Total Volatile Organic Compounds	UG/L	-	10.96	51	73.05	23,200	46.1
Semivolatile Organic Compounds							
1,1-Biphenyl	UG/L	5	10 U	10 U	45	310 J	3.0 J
2-Methylnaphthalene	UG/L	50	54	10 U	82	3,500	36
Acenaphthene	UG/L	20	4 J	10 U	20	170 J	8 J
Acenaphthylene	UG/L	50	29	10 U	210 D	1,600	16
Anthracene	UG/L	50	10 U	10 U	17	480 J	10 U
Caprolactam	UG/L	50	10 U	10 U	10 U	970 U	10 U
Chrysene	UG/L	0.002	10 U	10 U	10 U	240 J	10 U
Dibenzofuran	UG/L	50	10 U	10 U	10	970 U	10 U
Fluoranthene	UG/L	50	10 U	10 U	8 J	420 J	10 U
Fluorene	UG/L	50	4 J	10 U	72	630 J	6 J
Naphthalene	UG/L	10	84	10 U	390 D	14,000	10 U

*Criteria- NYSDEC TOGS (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations, April 2000, Class GA.

Flags assigned during chemistry validation are shown.

 Concentration Exceeds Criteria

J - The reported concentration is an estimated value.

D - Result reported from a secondary dilution analysis.

U - Not detected above the reported quantitation limit.

NA - Not Analyzed

Only Detected Results Reported.

Detection Limits shown are PQL

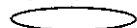
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 ([LOCID] = 'BMW-04-08' OR [LOCID] = 'MW-05' OR [LOCID] = 'MW-06' OR [LOCID] = 'MW-10' OR [LOCID] = 'MW-11' OR [LOCID] = 'MW-17') AND [MATRIX] = 'WG' AND ([LOGDATE] BETWEEN 46/13/05 AND 46/24/05)

TABLE 4-9
SUMMARY OF DETECTED RI GROUNDWATER ANALYTICAL RESULTS
SHALLOW BEDROCK WELLS
NYSEG - FORMER TRANSIT STREET MGP SITE, LOCKPORT, NEW YORK

Location ID			BMW-04-08	MW-05	MW-06	MW-10	MW-11
Sample ID			BMW4-08-GW	MW-05-GW	MW-6-GW	MW-10-GW	MW-11-GW
Matrix			Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)			20.5-45.8	21.8-50.0	24.0-35.5	18.0-34.5	11.4-30.0
Date Sampled			06/21/05	06/23/05	06/13/05	06/27/05	06/24/05
Parameter	Units	Criteria*					
Semivolatile Organic Compounds							
Phenanthrene	UG/L	50	10 U	10 U	92	1,600	4 J
Pyrene	UG/L	50	10 U	10 U	9 J	620 J	1 J
Total Carcinogenic PAHs	UG/L	-	ND	ND	ND	240	ND
Total Non-Carcinogenic PAHs	UG/L	-	175	ND	900	23,020	71
Total Polycyclic Aromatic Hydrocarbons	UG/L	-	175	ND	900	23,260	71
Total Semivolatile Organic Compounds	UG/L	-	175	ND	955	23,570	74
Metals							
Aluminum	UG/L	-	200 U	200 U	200 U	200 U	200 U
Barium	UG/L	1000	51.6	24.6	29.2	59.9	85.2
Cadmium	UG/L	5	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Calcium	UG/L	-	267,000	256,000	189,000	139,000	153,000
Chromium	UG/L	50	4.0 U	4.0 U	4.0 U	4.0 U	4.0 U
Cobalt	UG/L	-	4.0 U	4.0 U	4.0 U	4.0 U	4.0 U
Copper	UG/L	200	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U
Iron	UG/L	300	4,330	20,100	967	14,400	2,450
Lead	UG/L	25	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Magnesium	UG/L	35000	71,600	70,200	63,000	72,400	45,900
Manganese	UG/L	300	94.6	165	54.7	245	233
Nickel	UG/L	100	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U
Potassium	UG/L	-	8,300	16,600	7,750	28,200 J	9,730
Selenium	UG/L	10	15.0 U	15.0 U	15.0 U	15.0 U	15.0 U
Sodium	UG/L	20000	229,000	372,000	189,000	275,000	252,000

*Criteria- NYSDEC TOGS (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations, April 2000, Class GA.

Flags assigned during chemistry validation are shown.



Concentration Exceeds Criteria

J - The reported concentration is an estimated value.

D - Result reported from a secondary dilution analysis.

U - Not detected above the reported quantitation limit.

NA - Not Analyzed

Only Detected Results Reported.

Detection Limits shown are PQL

([LOCID] = 'BMW-04-08' OR [LOCID] = 'MW-05' OR [LOCID] = 'MW-06' OR [LOCID] = 'MW-10' OR [LOCID] = 'MW-11') AND [MATRIX] = 'WG' AND [LOCDATE] BETWEEN #6/13/05# AND #9/20/05#

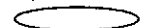
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TABLE 4-9
SUMMARY OF DETECTED RI GROUNDWATER ANALYTICAL RESULTS
SHALLOW BEDROCK WELLS
NYSEG - FORMER TRANSIT STREET MGP SITE, LOCKPORT, NEW YORK

Location ID			BMW-04-08	MW-05	MW-06	MW-10	MW-11
Sample ID			BMW4-08-GW	MW-05-GW	MW-6-GW	MW-10-GW	MW-11-GW
Matrix			Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)			20.5-45.8	21.8-50.0	24.0-35.5	18.0-34.5	11.4-30.0
Date Sampled			06/21/05	06/23/05	06/13/05	06/27/05	06/24/05
Parameter	Units	Criteria*					
Metals							
Vanadium	UG/L	-	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Zinc	UG/L	2000	20.0 U	106	20.0 U	102	20.0 U
Filtered Metals							
Iron	UG/L	300	2,740	NA	414	NA	611
Miscellaneous Parameters							
Alkalinity, Total (as CaCO ₃)	MG/L	-	326	NA	327	NA	344
Chloride	MG/L	250	720	NA	598	NA	744
Total Cyanide	UG/L	200	10 U	10 U	10 UJ	10 UJ	10 U
Ferrous Iron	MG/L	-	2.88	NA	0.8	NA	0.65
Nitrate-Nitrogen	MG/L	10	0.050 U	NA	0.050 U	NA	0.36
pH	S.U.	6.5-8.5	7.49	8.24	7.74	8.50	7.80
Phenolics, Total Recoverable	MG/L	0.001	0.010 UJ	0.010 UJ	0.010 U	0.56	0.010 UJ
Sulfate (as SO ₄)	MG/L	250	659	NA	408	NA	302
Sulfide	MG/L	0.05	0.26 J	NA	0.16	NA	0.24
Temperature	DEG C	-	11.83	14.47	14.24	18.12	12.00
Total Dissolved Solids	MG/L	500	1,830	NA	1,370	NA	1,550
Specific Conductance	MS/CM	-	2.88	3.93	2.13	2.81	2.69
Dissolved Oxygen	MG/L	-	0 U	0 U	0 U	0 U	0 U
Turbidity	NTU	-	6	6	8	64	7

*Criteria- NYSDEC TOGS (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations. April 2000, Class GA.

Flags assigned during chemistry validation are shown.



Concentration Exceeds Criteria

J - The reported concentration is an estimated value.

D - Result reported from a secondary dilution analysis.

U - Not detected above the reported quantitation limit.

NA - Not Analyzed

Only Detected Results Reported.

Detection Limits shown are PQL

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TABLE 4-9
SUMMARY OF DETECTED RI GROUNDWATER ANALYTICAL RESULTS
SHALLOW BEDROCK WELLS
NYSEG - FORMER TRANSIT STREET MGP SITE, LOCKPORT, NEW YORK

Location ID			MW-17	MW-17
Sample ID			MW-17-GW	MW-17-GW
Matrix			Groundwater	Groundwater
Depth Interval (ft)			10.0-35.0	10.0-35.0
Date Sampled			06/24/05	06/27/05
Parameter	Units	Criteria*		
Volatile Organic Compounds				
Benzene	UG/L	1	5.4	NA
Cyclohexane	UG/L	50	5.0 U	NA
Ethylbenzene	UG/L	5	3.8 J	NA
Isopropylbenzene (Cumene)	UG/L	5	3.0 J	NA
Methyl tert-butyl ether	UG/L	10	5.0 U	NA
Styrene	UG/L	5	5.0 U	NA
Toluene	UG/L	5	5.0 U	NA
Xylene (total)	UG/L	5	15 U	NA
Total BTEX	UG/L	-	9.2	NA
Total Volatile Organic Compounds	UG/L	-	12.2	NA
Semivolatile Organic Compounds				
1,1-Biphenyl	UG/L	5	NA	10 U
2-Methylnaphthalene	UG/L	50	NA	2 J
Acenaphthene	UG/L	20	NA	10 U
Acenaphthylene	UG/L	50	NA	10 U
Anthracene	UG/L	50	NA	10 U
Caprolactam	UG/L	50	NA	19
Chrysene	UG/L	0.002	NA	10 U
Dibenzofuran	UG/L	50	NA	10 U
Fluoranthene	UG/L	50	NA	2 J
Fluorene	UG/L	50	NA	10 U
Naphthalene	UG/L	10	NA	2 J

*Criteria- NYSDEC TOGS (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations. April 2000, Class GA.

Flags assigned during chemistry validation are shown.



Concentration Exceeds Criteria

J - The reported concentration is an estimated value.

D - Result reported from a secondary dilution analysis.

U - Not detected above the reported quantitation limit.

NA - Not Analyzed

Only Detected Results Reported.

Detection Limits shown are PQL

([LOCID] = 'MW-04-06' OR [LOCID] = 'MW-05' OR [LOCID] = 'MW-06' OR [LOCID] = 'MW-10' OR [LOCID] = 'MW-11' OR [LOCID] = 'MW-17') AND [MATRIX] = 'WG' AND ([LOGDATE] BETWEEN 4613056 AND 4620056

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TABLE 4-9
SUMMARY OF DETECTED RI GROUNDWATER ANALYTICAL RESULTS
SHALLOW BEDROCK WELLS
NYSEG - FORMER TRANSIT STREET MGP SITE, LOCKPORT, NEW YORK

Location ID			MW-17	MW-17
Sample ID			MW-17-GW	MW-17-GW
Matrix			Groundwater	Groundwater
Depth Interval (ft)			10.0-35.0	10.0-35.0
Date Sampled			06/24/05	06/27/05
Parameter	Units	Criteria*		
Semivolatile Organic Compounds				
Phenanthrene	UG/L	50	NA	10 U
Pyrene	UG/L	50	NA	1 J
Total Carcinogenic PAHs	UG/L	-	NA	ND
Total Non-Carcinogenic PAHs	UG/L	-	NA	7
Total Polycyclic Aromatic Hydrocarbons	UG/L	-	NA	7
Total Semivolatile Organic Compounds	UG/L	-	NA	26
Metals				
Aluminum	UG/L	-	10,100	NA
Barium	UG/L	1000	306	NA
Cadmium	UG/L	5	21.6	NA
Calcium	UG/L	-	463,000	NA
Chromium	UG/L	50	216	NA
Cobalt	UG/L	-	34.4	NA
Copper	UG/L	200	415	NA
Iron	UG/L	300	386,000	NA
Lead	UG/L	25	588	NA
Magnesium	UG/L	35000	124,000	NA
Manganese	UG/L	300	2,390	NA
Nickel	UG/L	100	180	NA
Potassium	UG/L	-	28,400 J	NA
Selenium	UG/L	10	15.9	NA
Sodium	UG/L	20000	2,410,000	NA

*Criteria- NYSDEC TOGS (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations, April 2000, Class GA.

Flags assigned during chemistry validation are shown.

 Concentration Exceeds Criteria

J - The reported concentration is an estimated value.

D - Result reported from a secondary dilution analysis.

U - Not detected above the reported quantitation limit.

NA - Not Analyzed

Only Detected Results Reported.

Detection Limits shown are PQL

([LOCID] = 'MW-04-08' OR [LOCID] = 'MW-05' OR [LOCID] = 'MW-06' OR [LOCID] = 'MW-10' OR [LOCID] = 'MW-11' OR [LOCID] = 'MW-17') AND [MATRIX] = 'WG' AND ([LOGDATE] BETWEEN 06/13/05 AND 06/20/05

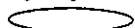
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06/13/05 AND 06/20/05

TABLE 4-9
SUMMARY OF DETECTED RI GROUNDWATER ANALYTICAL RESULTS
SHALLOW BEDROCK WELLS
NYSEG - FORMER TRANSIT STREET MGP SITE, LOCKPORT, NEW YORK

Location ID			MW-17	MW-17
Sample ID			MW-17-GW	MW-17-GW
Matrix			Groundwater	Groundwater
Depth Interval (ft)			10.0-35.0	10.0-35.0
Date Sampled			06/24/05	06/27/05
Parameter	Units	Criteria*		
Metals				
Vanadium	UG/L	-	30.0	NA
Zinc	UG/L	2000	2,510	NA
Filtered Metals				
Iron	UG/L	300	NA	1,630
Miscellaneous Parameters				
Alkalinity, Total (as CaCO ₃)	MG/L	-	NA	460
Chloride	MG/L	250	NA	4,760
Total Cyanide	UG/L	200	134 J	NA
Ferrous Iron	MG/L	-	0.72	NA
Nitrate-Nitrogen	MG/L	10	NA	0.050 U
pH	S.U.	6.5-8.5	7.97	NA
Phenolics, Total Recoverable	MG/L	0.001	0.010 U	NA
Sulfate (as SO ₄)	MG/L	250	NA	1,150
Sulfide	MG/L	0.05	0.42 J	NA
Temperature	DEG C	-	12.80	NA
Total Dissolved Solids	MG/L	500	NA	7,690
Specific Conductance	MS/CM	-	14.90	NA
Dissolved Oxygen	MG/L	-	10.40	NA
Turbidity	NTU	-	1,000	NA

*Criteria- NYSDEC TOGS (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations, April 2000, Class GA.

Flags assigned during chemistry validation are shown.

 Concentration Exceeds Criteria

J - The reported concentration is an estimated value.

D - Result reported from a secondary dilution analysis.

U - Not detected above the reported quantitation limit.

NA - Not Analyzed

Only Detected Results Reported.

Detection Limits shown are PQL

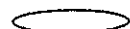
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TABLE 4-10
STATISTICAL SUMMARY OF RI GROUNDWATER ANALYTICAL RESULTS
SHALLOW BEDROCK WELLS
NYSEG - FORMER TRANSIT STREET MGP SITE

Parameter	Units	Criteria*	No. of Samples	No. of Detections	Range of Detections					No. Exceed	Dist	Location of Max Value	Depth Of Max
					Min	Max	Avg	StdDev	UCL95				
Volatile Organic Compounds													
Benzene	UG/L	1	6	5	0.680	7,100	1,429	3,170	4,208	4	Non-Normal	MW-10	18-34.5
Cyclohexane	UG/L	50	6	2	0.850	1.50	1.18	0.460	1.81	0	Non-Normal	MW-11	11.4-30
Ethylbenzene	UG/L	5	6	5	0.980	2,300	466.7	1,025	1,365	3	Non-Normal	MW-10	18-34.5
Isopropylbenzene (Cumene)	UG/L	5	6	4	1.50	3.80	2.83	0.960	3.77	0	Non-Normal	MW-06	24-35.5
Methyl tert-butyl ether	UG/L	10	6	2	2.10	51.00	26.55	34.58	74.47	1	Non-Normal	MW-05	21.8-50
Styrene	UG/L	5	6	2	4.40	3,200	1,602	2,280	4,734	1	Non-Normal	MW-10	18-34.5
Toluene	UG/L	5	6	3	1.00	5,700	1,904	3,288	5,624	2	Non-Normal	MW-10	18-34.5
Xylene (total)	UG/L	5	6	4	4.70	4,900	1,233	2,445	3,629	3	Non-Normal	MW-10	18-34.5
Semivolatile Organic Compounds													
1,1-Biphenyl	UG/L	5	6	3	3.00	310.0	119.3	166.5	307.7	2	Non-Normal	MW-10	18-34.5
2-Methylnaphthalene	UG/L	50	6	5	2.00	3,500	734.8	1,546	2,090	3	Non-Normal	MW-10	18-34.5
Acenaphthene	UG/L	20	6	4	4.00	170.0	50.50	79.96	128.9	2	Non-Normal	MW-10	18-34.5
Acenaphthylene	UG/L	50	6	4	16.00	1,600	463.8	762.7	1,211	2	Non-Normal	MW-10	18-34.5
Anthracene	UG/L	50	6	2	17.00	480.0	248.5	327.4	702.2	1	Non-Normal	MW-10	18-34.5
Caprolactam	UG/L	50	6	1	19.00	19.00	19.00	-	-	0	Non-Normal	MW-17	10-35
Chrysene	UG/L	0.002	6	1	240.0	240.0	240.0	-	-	1	Non-Normal	MW-10	18-34.5
Dibenzofuran	UG/L	50	6	1	10.00	10.00	10.00	-	-	0	Non-Normal	MW-06	24-35.5

*Criteria- NYSDEC TOGS (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations, April 2000, Class GA.

 Concentration Exceeds Criteria

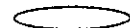
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 BETWEEN #01305# AND #02005#

TABLE 4-10
STATISTICAL SUMMARY OF RI GROUNDWATER ANALYTICAL RESULTS
SHALLOW BEDROCK WELLS
NYSEG - FORMER TRANSIT STREET MGP SITE

Parameter	Units	Criteria*	No. of Samples	No. of Detections	Range of Detections					No. Exceed	Dist	Location of Max Value	Depth Of Max
					Min	Max	Avg	StdDev	UCL95				
Semivolatile Organic Compounds													
Fluoranthene	UG/L	50	6	3	2.00	420.0	143.3	239.6	414.5	1	Non-Normal	MW-10	18-34.5
Fluorene	UG/L	50	6	4	4.00	630.0	178.0	303.0	474.9	2	Non-Normal	MW-10	18-34.5
Naphthalene	UG/L	10	6	4	2.00	1.40E+04	3,619	6,923	1.04E+04	3	Non-Normal	MW-10	18-34.5
Phenanthrene	UG/L	50	6	3	4.00	1,600	565.3	897.1	1,581	2	Non-Normal	MW-10	18-34.5
Pyrene	UG/L	50	6	4	1.00	620.0	157.8	308.2	459.8	1	Non-Normal	MW-10	18-34.5
Metals													
Aluminum	UG/L	-	6	1	1.01E+04	1.01E+04	1.01E+04	-	-	0	Non-Normal	MW-17	10-35
Barium	UG/L	1000	6	6	24.60	306.0	92.75	106.8	178.2	0	Non-Normal	MW-17	10-35
Cadmium	UG/L	5	6	1	21.60	21.60	21.60	-	-	1	Non-Normal	MW-17	10-35
Calcium	UG/L	-	6	6	1.39E+05	4.63E+05	2.45E+05	1.19E+05	3.40E+05	0	Non-Normal	MW-17	10-35
Chromium	UG/L	50	6	1	216.0	216.0	216.0	-	-	1	Non-Normal	MW-17	10-35
Cobalt	UG/L	-	6	1	34.40	34.40	34.40	-	-	0	Non-Normal	MW-17	10-35
Copper	UG/L	200	6	1	415.0	415.0	415.0	-	-	1	Non-Normal	MW-17	10-35
Iron	UG/L	300	6	6	967.0	3.86E+05	7.14E+04	1.28E+05	8.10E+04	6	Non-Normal	MW-17	10-35
Lead	UG/L	25	6	1	588.0	588.0	588.0	-	-	1	Non-Normal	MW-17	10-35
Magnesium	UG/L	35000	6	6	4.59E+04	1.24E+05	7.45E+04	2.62E+04	9.55E+04	6	Non-Normal	MW-17	10-35
Manganese	UG/L	300	6	6	54.70	2,390	530.4	914.1	1,262	1	Non-Normal	MW-17	10-35

*Criteria- NYSDEC TOGS (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations, April 2000, Class GA.

 Concentration Exceeds Criteria

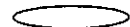
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TABLE 4-10
STATISTICAL SUMMARY OF RI GROUNDWATER ANALYTICAL RESULTS
SHALLOW BEDROCK WELLS
NYSEG - FORMER TRANSIT STREET MGP SITE

Parameter	Units	Criteria*	No. of Samples	No. of Detections	Range of Detections					No. Exceed	Dist	Location of Max Value	Depth Of Max
					Min	Max	Avg	StdDev	UCL95				
Metals													
Nickel	UG/L	100	6	1	180.0	180.0	180.0	-	-	1	Non-Normal	MW-17	10-35
Potassium	UG/L	-	6	6	7,750	2.84E+04	1.65E+04	9,676	2.42E+04	0	Normal	MW-17	10-35
Selenium	UG/L	10	6	1	15.90	15.90	15.90	-	-	1	Non-Normal	MW-17	10-35
Sodium	UG/L	20000	6	6	1.89E+05	2.41E+06	6.21E+05	8.78E+05	1.32E+06	6	Non-Normal	MW-17	10-35
Vanadium	UG/L	-	6	1	30.00	30.00	30.00	-	-	0	Non-Normal	MW-17	10-35
Zinc	UG/L	2000	6	3	102.0	2,510	906.0	1,369	2,478	1	Non-Normal	MW-17	10-35
Filtered Metals													
Iron	UG/L	300	4	4	414.0	2,740	1,349	1.28E+05	8.10E+04	4	Normal	BMW-04-08	20.5-45.8
Miscellaneous Parameters													
Alkalinity, Total (as CaCO3)	MG/L	-	4	4	326.0	460.0	364.3	64.37	427.3	0	Non-Normal	MW-17	10-35
Chloride	MG/L	250	4	4	598.0	4,760	1,706	2,037	3,702	4	Non-Normal	MW-17	10-35
Total Cyanide	UG/L	200	6	1	134.0	134.0	134.0	-	-	0	Non-Normal	MW-17	10-35
Ferrous Iron	MG/L	-	4	4	0.650	2.88	1.26	1.08	2.32	0	Non-Normal	BMW-04-08	20.5-45.8
Nitrate-Nitrogen	MG/L	10	4	1	0.360	0.360	0.360	-	-	0	Non-Normal	MW-11	11.4-30
pH	S.U.	8.5	6	6	7.49	8.50	7.96	0.365	8.25	1	Normal	MW-10	18-34.5
Phenolics, Total Recoverable	MG/L	0.001	6	1	0.560	0.560	0.560	-	-	1	Non-Normal	MW-10	18-34.5
Sulfate (as SO4)	MG/L	250	4	4	302.0	1,150	629.8	377.8	1000.0	4	Non-Normal	MW-17	10-35

*Criteria- NYSDEC TOGS (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations. April 2000, Class GA.

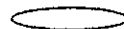
 Concentration Exceeds Criteria

Only Detected Results Reported.

TABLE 4-10
STATISTICAL SUMMARY OF RI GROUNDWATER ANALYTICAL RESULTS
SHALLOW BEDROCK WELLS
NYSEG - FORMER TRANSIT STREET MGP SITE

Parameter	Units	Criteria*	No. of Samples	No. of Detections	Range of Detections					No. Exceed	Dist	Location of Max Value	Depth Of Max
					Min	Max	Avg	StdDev	UCL95				
Miscellaneous Parameters													
Sulfide	MG/L	0.05	4	4	0.160	0.420	0.270	0.109	0.377	4	Non-Normal	MW-17	10-35
Temperature	DEG C	-	6	6	11.83	18.12	13.91	2.34	15.78	0	Non-Normal	MW-10	18-34.5
Total Dissolved Solids	MG/L	500	4	4	1,370	7,690	3,110	3,059	6,108	4	Non-Normal	MW-17	10-35
Specific Conductance	MS/CM	-	6	6	2.13	14.90	4.89	4.94	8.84	0	Non-Normal	MW-17	10-35
Dissolved Oxygen	MG/L	-	6	1	10.40	10.40	10.40	-	-	0	Non-Normal	MW-17	10-35
Oxidation Reduction Potential	MILLIVOLTS	-	6	6	-3.86E+02	-1.74E+02	-2.68E+02	90.36	-1.96E+02	0	Normal	MW-17	10-35
Turbidity	NTU	-	6	6	6.00	1,000	181.8	401.5	503.1	0	Non-Normal	MW-17	10-35

*Criteria- NYSDEC TOGS (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations. April 2000, Class GA.

 Concentration Exceeds Criteria

Only Detected Results Reported.

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BETWEEN #01/3/05# AND #9/20/05#

TABLE 4-11
SUMMARY OF DETECTED RI GROUNDWATER ANALYTICAL RESULTS
INTERMEDIATE BEDROCK WELLS
NYSEG - FORMER TRANSIT STREET MGP SITE, LOCKPORT, NEW YORK

Location ID			BMW-04-01	BMW-04-01	BMW-04-02	BMW-04-11	BMW-04-12
Sample ID			BMW04-01GW	BMW-04-01	BMW-04-02-GW	BMW4-11-GW	BMW-04-12-GW
Matrix			Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)			25.0-70.0	25.0-70.0	14.0-59.7	38.2-60.0	39.0-59.0
Date Sampled			06/13/05	09/19/05	06/28/05	06/14/05	06/28/05
Parameter	Units	Criteria*					
Volatile Organic Compounds							
1,2-Dichloroethene (cis)	UG/L	5	1.0 U	1.0 U	5.0 U	10 U	10 U
1,2-Dichloroethene (trans)	UG/L	5	1.0 U	1.0 U	5.0 U	10 U	10 U
Benzene	UG/L	1	1.0 U	1.0 U	140	2,200 J	2,600 DJ
Carbon disulfide	UG/L	60	1.0 U	1.0 U	5.0 U	10 U	2.2 J
Chloroform	UG/L	7	1.0 U	1.0 U	5.0 U	10 U	10 U
Cyclohexane	UG/L	50	1.0 U	1.0 U	38	10 U	4.6 J
Ethylbenzene	UG/L	5	1.0 U	1.0 U	140	300	1,600 DJ
Isopropylbenzene (Cumene)	UG/L	5	1.0 U	1.0 U	45	7.8 J	58 J
Methyl tert-butyl ether	UG/L	10	1.0 U	1.0 U	5.0 U	10 U	10 U
Methylcyclohexane	UG/L	50	1.0 U	1.0 U	15	10 U	10 U
Methylene chloride	UG/L	5	1.0 U	1.0 U	6.9 U	10 U	10 U
Styrene	UG/L	5	1.0 U	1.0 U	5.0 U	1,400 J	330 J
Tetrachloroethene	UG/L	5	1.0 U	1.0 U	5.0 U	10 U	10 U
Toluene	UG/L	5	1.0 U	1.0 U	7.2	2,600 J	3,100 DJ
Trichloroethene	UG/L	5	1.0 U	1.0 U	5.0 U	10 U	10 U
Vinyl chloride	UG/L	2	1.0 U	1.0 U	5.0 U	10 U	10 U
Xylene (total)	UG/L	5	3.0 U	3.0 U	74	2,300	2,000 DJ
Total BTEX	UG/L	-	ND	ND	361.2	7,400	9,300
Total Volatile Organic Compounds	UG/L	-	ND	ND	459.2	8,807.8	9,694.8
Semivolatile Organic Compounds							
1,1-Biphenyl	UG/L	5	10 U	9 U	54 J	32	73 J
2,4-Dimethylphenol	UG/L	50	10 U	9 U	190 U	12	35 J

*Criteria- NYSDEC TOGS (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations. April 2000, Class GA.

Flags assigned during chemistry validation are shown.

 Concentration Exceeds Criteria

J - The reported concentration is an estimated value.

D - Result reported from a secondary dilution analysis.

U - Not detected above the reported quantitation limit.

NA - Not Analyzed

Only Detected Results Reported.

Detection Limits shown are PQL

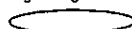
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TABLE 4-11
SUMMARY OF DETECTED RI GROUNDWATER ANALYTICAL RESULTS
INTERMEDIATE BEDROCK WELLS
NYSEG - FORMER TRANSIT STREET MGP SITE, LOCKPORT, NEW YORK

Location ID			BMW-04-01	BMW-04-01	BMW-04-02	BMW-04-11	BMW-04-12
Sample ID			BMW04-01GW	BMW-04-01	BMW-04-02-GW	BMW4-11-GW	BMW-04-12-GW
Matrix			Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)			25.0-70.0	25.0-70.0	14.0-59.7	38.2-60.0	39.0-59.0
Date Sampled			06/13/05	09/19/05	06/28/05	06/14/05	06/28/05
Parameter	Units	Criteria*					
Semivolatile Organic Compounds							
2-Methylnaphthalene	UG/L	50	7 J	5 J	330	560 DJ	480
2-Methylphenol (o-cresol)	UG/L	1	10 U	9 U	190 U	10 U	95 U
4-Methylphenol (p-cresol)	UG/L	1	10 U	9 U	190 U	4 J	11 J
Acenaphthene	UG/L	20	10 U	0.5 J	280	15	180
Acenaphthylene	UG/L	50	3 J	3 J	55 J	290 J	220
Anthracene	UG/L	50	10 U	1 J	110 J	10	31 J
Benzo(a)anthracene	UG/L	0.002	10 U	9 U	190 U	10 U	95 U
Benzo(a)pyrene	UG/L	ND	10 U	9 U	190 U	10 U	95 U
Benzo(b)fluoranthene	UG/L	0.002	10 U	9 U	190 U	10 U	95 U
Benzo(g,h,i)perylene	UG/L	50	10 U	9 U	190 U	10 U	95 U
Benzo(k)fluoranthene	UG/L	0.002	10 U	9 U	190 U	10 U	95 U
Carbazole	UG/L	50	10 U	9 U	190 U	18	95 U
Chrysene	UG/L	0.002	10 U	9 U	43 J	10 U	95 U
Dibenz(a,h)anthracene	UG/L	50	10 U	9 U	190 U	10 U	95 U
Dibenzofuran	UG/L	50	10 U	0.5 J	190 U	8 J	95 U
Di-n-butylphthalate	UG/L	50	10 U	9 U	190 U	10 U	95 U
Fluoranthene	UG/L	50	10 U	0.9 J	90 J	4 J	23 J
Fluorene	UG/L	50	10 U	9 U	160 J	44	94 J
Indeno(1,2,3-cd)pyrene	UG/L	0.002	10 U	9 U	190 U	10 U	95 U
Naphthalene	UG/L	10	10 U	9 U	1,000	5,800 D	4,800 J
Phenanthrene	UG/L	50	4 J	4 J	370	42	120
Phenol	UG/L	1	10 U	9 U	190 U	10 U	95 U

*Criteria- NYSDEC TOGS (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations, April 2000, Class GA.

Flags assigned during chemistry validation are shown.

 Concentration Exceeds Criteria

J - The reported concentration is an estimated value.

D - Result reported from a secondary dilution analysis.

U - Not detected above the reported quantitation limit.

NA - Not Analyzed

Only Detected Results Reported.

Detection Limits shown are PQL

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TABLE 4-11
SUMMARY OF DETECTED RI GROUNDWATER ANALYTICAL RESULTS
INTERMEDIATE BEDROCK WELLS
NYSEG - FORMER TRANSIT STREET MGP SITE, LOCKPORT, NEW YORK

Location ID			BMW-04-01	BMW-04-01	BMW-04-02	BMW-04-11	BMW-04-12
Sample ID			BMW04-01GW	BMW-04-01	BMW-04-02-GW	BMW04-11-GW	BMW-04-12-GW
Matrix			Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)			25.0-70.0	25.0-70.0	14.0-59.7	38.2-60.0	39.0-59.0
Date Sampled			06/13/05	09/19/05	06/28/05	06/14/05	06/28/05
Parameter	Units	Criteria*					
Semivolatile Organic Compounds							
Pyrene	UG/L	50	1 J	2 J	120 J	5 J	26 J
Total Carcinogenic PAHs	UG/L	-	ND	ND	43	ND	ND
Total Non-Carcinogenic PAHs	UG/L	-	15	16.4	2,515	6,770	5,974
Total Polycyclic Aromatic Hydrocarbons	UG/L	-	15	16.4	2,558	6,770	5,974
Total Semivolatile Organic Compounds	UG/L	-	15	16.9	2,612	6,844	6,093
Metals							
Aluminum	UG/L	-	200 U	200 U	200 U	200 U	285
Barium	UG/L	1000	16.4	23.6	106	127	16.0
Calcium	UG/L	-	225,000	221,000	164,000	149,000	154,000
Chromium	UG/L	50	4.3	4.0 U	4.0 U	4.0 U	5.3
Copper	UG/L	200	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U
Iron	UG/L	300	3,010	1,570	324	807	1,010
Lead	UG/L	25	5.0 U	5.0 U	5.6	5.0 U	5.0 U
Magnesium	UG/L	35000	71,900	73,100	47,900	4,540	75,300
Manganese	UG/L	300	67.6	66.9	258	9.3	41.9
Nickel	UG/L	100	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U
Potassium	UG/L	-	7,130	7,130	19,900 J	28,200	34,400 J
Sodium	UG/L	20000	154,000	144,000	463,000	520,000	1,030,000
Zinc	UG/L	2000	24.2	20.0 U	20.0 U	20.0 U	20.0 U
Filtered Metals							
Iron	UG/L	300	580	NA	50.0 U	50.0 U	NA

*Criteria- NYSDEC TOGS (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations, April 2000, Class GA.

Flags assigned during chemistry validation are shown.

 Concentration Exceeds Criteria

J - The reported concentration is an estimated value.

D - Result reported from a secondary dilution analysis.

U - Not detected above the reported quantitation limit.

NA - Not Analyzed

Only Detected Results Reported.

Detection Limits shown are PQL

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TABLE 4-11
SUMMARY OF DETECTED RI GROUNDWATER ANALYTICAL RESULTS
INTERMEDIATE BEDROCK WELLS
NYSEG - FORMER TRANSIT STREET MGP SITE, LOCKPORT, NEW YORK

Location ID			BMW-04-01	BMW-04-01	BMW-04-02	BMW-04-11	BMW-04-12
Sample ID			BMW04-01GW	BMW-04-01	BMW-04-02-GW	BMW04-11-GW	BMW-04-12-GW
Matrix			Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)			25.0-70.0	25.0-70.0	14.0-59.7	38.2-60.0	39.0-59.0
Date Sampled			06/13/05	09/19/05	06/28/05	06/14/05	06/28/05
Parameter	Units	Criteria*					
Miscellaneous Parameters							
Alkalinity, Total (as CaCO ₃)	MG/L	-	305	NA	383	309	NA
Chloride	MG/L	250	560	NA	1,300	1,580	NA
Total Cyanide	UG/L	200	10 UJ	10 U	10 UJ	10 UJ	15.1 J
Ferrous Iron	MG/L	-	0.85	NA	0 U	0.75	NA
Nitrate-Nitrogen	MG/L	10	0.050 U	NA	0.050 U	0.050 U	NA
pH	S.U.	6.5-8.5	8.96	6.74	7.68	12.73	9.80
Phenolics, Total Recoverable	MG/L	0.001	0.010 U	0.010 U	0.011	0.059	0.12
Sulfate (as SO ₄)	MG/L	250	778	NA	350	316	NA
Sulfide	MG/L	0.05	0.15	NA	13.9 J	0.10 U	NA
Temperature	DEG C	-	13.38	13.33	14.70	16.52	14.77
Total Dissolved Solids	MG/L	500	1,590	NA	2,210	2,160	NA
Specific Conductance	MS/CM	-	2.15	1.24	3.92	4.17	6.96
Dissolved Oxygen	MG/L	-	0 U	0 U	0 U	0 U	4.26
Oxidation Reduction Potential	MILLIVOLTS	-	-182	-277	-396	-380	-352
Turbidity	NTU	-	9	3	5	22	49

*Criteria- NYSDEC TOGS (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations. April 2000, Class GA.

Flags assigned during chemistry validation are shown.

 Concentration Exceeds Criteria
 J - The reported concentration is an estimated value.
 D - Result reported from a secondary dilution analysis.
 U - Not detected above the reported quantitation limit.
 NA - Not Analyzed

Only Detected Results Reported.

Detection Limits shown are PQL

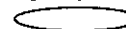
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TABLE 4-11
SUMMARY OF DETECTED RI GROUNDWATER ANALYTICAL RESULTS
INTERMEDIATE BEDROCK WELLS
NYSEG - FORMER TRANSIT STREET MGP SITE, LOCKPORT, NEW YORK

Location ID			BMW-04-14	MW-01	MW-03	MW-03	MW-04
Sample ID			BMW4-14-GW	MW-01-GW	FD627-05GW	MW-03-GW	MW-4-GW
Matrix			Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)			46.0-66.5	13.5-50.0	13.9-60.0	13.9-60.0	45.5-85.5
Date Sampled			06/22/05	06/23/05	06/27/05	06/27/05	06/15/05
Parameter	Units	Criteria*			Field Duplicate (1-1)		
Volatile Organic Compounds							
1,2-Dichloroethene (cis)	UG/L	5	40 U	2.0 U	100 U	100 U	1.0 U
1,2-Dichloroethene (trans)	UG/L	5	40 U	2.0 U	100 U	100 U	1.0 U
Benzene	UG/L	1	72	110	8,000	8,800	370 D
Carbon disulfide	UG/L	60	40 U	2.0 U	100 U	100 U	1.2 U
Chloroform	UG/L	7	40 U	2.0 U	100 U	100 U	0.57 J
Cyclohexane	UG/L	50	40 U	2.0 U	100 U	100 U	4.1
Ethylbenzene	UG/L	5	220	120	1,600	1,800	8.9
Isopropylbenzene (Cumene)	UG/L	5	40 U	15	100 U	100 U	0.25 J
Methyl tert-butyl ether	UG/L	10	40 U	2.0 U	100 U	100 U	1.0 U
Methylcyclohexane	UG/L	50	40 U	2.0 U	100 U	100 U	2.0
Methylene chloride	UG/L	5	40 U	2.0 U	100 U	100 U	1.0 U
Styrene	UG/L	5	40 U	2.0 U	87 J	88 J	1.0 U
Tetrachloroethene	UG/L	5	40 U	2.0 U	100 U	100 U	1.0 U
Toluene	UG/L	5	87	5.8	2,200	2,500	12
Trichloroethene	UG/L	5	40 U	2.0 U	100 U	100 U	1.0 U
Vinyl chloride	UG/L	2	40 U	2.0 U	100 U	100 U	1.0 U
Xylene (total)	UG/L	5	250	36	1,400	1,600	7.0
Total BTEX	UG/L	-	629	271.8	13,200	14,700	397.9
Total Volatile Organic Compounds	UG/L	-	629	286.8	13,287	14,788	404.82
Semivolatile Organic Compounds							
1,1-Biphenyl	UG/L	5	69	22	60 J	54 J	10 U
2,4-Dimethylphenol	UG/L	50	6 J	10 U	260	220	10 U

*Criteria- NYSDEC TOGS (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations, April 2000, Class GA.

Flags assigned during chemistry validation are shown.

 Concentration Exceeds Criteria

J - The reported concentration is an estimated value.

D - Result reported from a secondary dilution analysis.

U - Not detected above the reported quantitation limit.

NA - Not Analyzed

Only Detected Results Reported.

Detection Limits shown are PQL

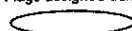
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TABLE 4-11
SUMMARY OF DETECTED RI GROUNDWATER ANALYTICAL RESULTS
INTERMEDIATE BEDROCK WELLS
NYSEG - FORMER TRANSIT STREET MGP SITE, LOCKPORT, NEW YORK

Location ID			BMW-04-14	MW-01	MW-03	MW-03	MW-04
Sample ID			BMW4-14-GW	MW-01-GW	FD627-05GW	MW-03-GW	MW-4-GW
Matrix			Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)			46.0-66.5	13.5-50.0	13.9-60.0	13.9-60.0	45.5-85.5
Date Sampled			06/22/05	06/23/05	06/27/05	06/27/05	06/15/05
Parameter	Units	Criteria*			Field Duplicate (1-1)		
Semivolatile Organic Compounds							
2-Methylnaphthalene	UG/L	50	1,400 DJ	150	200	190	10 U
2-Methylphenol (o-cresol)	UG/L	1	2 J	10 U	99	87 J	10 U
4-Methylphenol (p-cresol)	UG/L	1	2 J	10 U	87 J	72 J	2 J
Acenaphthene	UG/L	20	190 J	80	220	190	10 U
Acenaphthylene	UG/L	50	210 J	18	110	100	10 U
Anthracene	UG/L	50	10	17	95 U	95 U	10 U
Benzo(a)anthracene	UG/L	0.002	3.0 J	10 U	95 U	95 U	10 U
Benzo(a)pyrene	UG/L	ND	10 U	10 U	95 U	95 U	10 U
Benzo(b)fluoranthene	UG/L	0.002	10 U	10 U	95 U	95 U	10 U
Benzo(g,h,i)perylene	UG/L	50	10 U	10 U	95 U	95 U	10 U
Benzo(k)fluoranthene	UG/L	0.002	10 U	10 U	95 U	95 U	10 U
Carbazole	UG/L	50	28	10 U	55 J	48 J	10 U
Chrysene	UG/L	0.002	2 J	10 U	95 U	95 U	10 U
Dibenz(a,h)anthracene	UG/L	50	10 U	10 U	95 U	95 U	10 U
Dibenzofuran	UG/L	50	14	7 J	95 U	95 U	10 U
Di-n-butylphthalate	UG/L	50	10 U	10 U	95 U	95 U	10 U
Fluoranthene	UG/L	50	7 J	7 J	95 U	95 U	10 U
Fluorene	UG/L	50	70	28	79 J	71 J	10 U
Indeno(1,2,3-cd)pyrene	UG/L	0.002	10 U	10 U	95 U	95 U	10 U
Naphthalene	UG/L	10	11,000 D	6 J	6,200 D	3,400 D	5 J
Phenanthrene	UG/L	50	63	56	89 J	83 J	10 U
Phenol	UG/L	1	10 U	10 U	35 J	25 J	10 U

*Criteria- NYSDEC TOGS (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations. April 2000, Class GA.

Flags assigned during chemistry validation are shown.

 Concentration Exceeds Criteria

J - The reported concentration is an estimated value.

D - Result reported from a secondary dilution analysis.

U - Not detected above the reported quantitation limit.

NA - Not Analyzed

Only Detected Results Reported.

Detection Limits shown are PQL

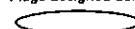
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TABLE 4-11
SUMMARY OF DETECTED RI GROUNDWATER ANALYTICAL RESULTS
INTERMEDIATE BEDROCK WELLS
NYSEG - FORMER TRANSIT STREET MGP SITE, LOCKPORT, NEW YORK

Location ID			BMW-04-14	MW-01	MW-03	MW-03	MW-04
Sample ID			BMW4-14-GW	MW-01-GW	FD627-05GW	MW-03-GW	MW-4-GW
Matrix			Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)			46.0-66.5	13.5-50.0	13.9-60.0	13.9-60.0	45.5-85.5
Date Sampled			06/22/05	06/23/05	06/27/05	06/27/05	06/15/05
Parameter	Units	Criteria*			Field Duplicate (1-1)		
Semivolatile Organic Compounds							
Pyrene	UG/L	50	7 J	7 J	16 J	16 J	10 U
Total Carcinogenic PAHs	UG/L	-	5	ND	ND	ND	ND
Total Non-Carcinogenic PAHs	UG/L	-	12,957	369	6,914	4,050	5
Total Polycyclic Aromatic Hydrocarbons	UG/L	-	12,962	369	6,914	4,050	5
Total Semivolatile Organic Compounds	UG/L	-	13,083	398	7,510	4,556	7
Metals							
Aluminum	UG/L	-	200 U	200 U	200 U	200 U	331
Barium	UG/L	1000	47.4	80.0	58.0	59.1	13.7
Calcium	UG/L	-	177,000	167,000	165,000	168,000	945,000
Chromium	UG/L	50	7.1	6.2	4.0 U	4.0 U	7.7
Copper	UG/L	200	14.8	10.0 U	10.0 U	10.0 U	10.0 U
Iron	UG/L	300	1,610	203	2,860	3,240	628
Lead	UG/L	25	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Magnesium	UG/L	35000	92,200	47,500	59,000	60,900	572,000 J
Manganese	UG/L	300	32.6	89.3	110	115	88.2
Nickel	UG/L	100	10.3	10.0 U	10.0 U	10.0 U	10.0 U
Potassium	UG/L	-	26,800	17,700	12,000 J	12,400 J	188,000
Sodium	UG/L	20000	665,000	455,000	232,000	238,000	8,430,000
Zinc	UG/L	2000	20.0 U	20.0 U	20.0 U	20.0 U	20.0 U
Filtered Metals							
Iron	UG/L	300	50.0 U	50.0 U	NA	NA	50.0 U

*Criteria- NYSDEC TOGS (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations, April 2000, Class GA.

Flags assigned during chemistry validation are shown.

 Concentration Exceeds Criteria

J - The reported concentration is an estimated value.

D - Result reported from a secondary dilution analysis.

U - Not detected above the reported quantitation limit.

NA - Not Analyzed

Only Detected Results Reported.

Detection Limits shown are PQL

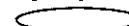
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TABLE 4-11
SUMMARY OF DETECTED RI GROUNDWATER ANALYTICAL RESULTS
INTERMEDIATE BEDROCK WELLS
NYSEG - FORMER TRANSIT STREET MGP SITE, LOCKPORT, NEW YORK

Location ID			BMW-04-14	MW-01	MW-03	MW-03	MW-04
Sample ID			BMW4-14-GW	MW-01-GW	FD627-05GW	MW-03-GW	MW-04-GW
Matrix			Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)			46.0-66.5	13.5-50.0	13.9-60.0	13.9-60.0	45.5-85.5
Date Sampled			06/22/05	06/23/05	06/27/05	06/27/05	06/15/05
Parameter	Units	Criteria*			Field Duplicate (1-1)		
Miscellaneous Parameters							
Alkalinity, Total (as CaCO ₃)	MG/L	-	173	368	NA	NA	358
Chloride	MG/L	250	2,350	907	NA	NA	28,000
Total Cyanide	UG/L	200	10 U	10 U	18.9 J	23.0 J	22.3 J
Ferrous Iron	MG/L	-	0 U	0.01	NA	NA	NA
Nitrate-Nitrogen	MG/L	10	0.050 U	0.093	NA	NA	0.050 U
pH	S.U.	6.5-8.5	9.65	7.63	NA	8.43	7.53
Phenolics, Total Recoverable	MG/L	0.001	0.016 J	0.010 UJ	0.49	0.56	0.010 U
Sulfate (as SO ₄)	MG/L	250	486	302	NA	NA	5,900
Sulfide	MG/L	0.05	0.15 J	2.5	NA	NA	125
Temperature	DEG C	-	12.47	14.80	NA	16.36	14.22
Total Dissolved Solids	MG/L	500	2,990	2,070	NA	NA	30,400
Specific Conductance	MS/CM	-	2.48	3.58	NA	2.46	42.3
Dissolved Oxygen	MG/L	-	1.37	0 U	NA	0 U	0 U
Oxidation Reduction Potential	MILLIVOLTS	-	-290	-358	NA	-383	-403
Turbidity	NTU	-	138	5	NA	3	22

*Criteria- NYSDEC TOGS (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations. April 2000, Class GA.

Flags assigned during chemistry validation are shown.

 Concentration Exceeds Criteria

J - The reported concentration is an estimated value.

D - Result reported from a secondary dilution analysis.

U - Not detected above the reported quantitation limit.

NA - Not Analyzed

Only Detected Results Reported.

Detection Limits shown are PQL

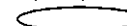
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TABLE 4-11
SUMMARY OF DETECTED RI GROUNDWATER ANALYTICAL RESULTS
INTERMEDIATE BEDROCK WELLS
NYSEG - FORMER TRANSIT STREET MGP SITE, LOCKPORT, NEW YORK

Location ID			MW-04	MW-07	MW-08	MW-09	MW-12
Sample ID			MW-04	MW-07-GW	MW-08-GW	MW-9-GW	MW-12-GW
Matrix			Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)			45.5-85.5	44.5-54.5	6.3-30.0	25.7-65.0	43.0-53.0
Date Sampled			09/20/05	06/24/05	06/15/05	06/16/05	06/24/05
Parameter	Units	Criteria*					
Volatile Organic Compounds							
1,2-Dichloroethene (cis)	UG/L	5	4.0 U	50 U	4.0 U	1.0 U	2.0 U
1,2-Dichloroethene (trans)	UG/L	5	4.0 U	50 U	4.0 U	1.0 U	2.0 U
Benzene	UG/L	1	280	11,000 D	180 D	25	170
Carbon disulfide	UG/L	60	4.0 U	50 U	4.0 U	1.0 U	2.0 U
Chloroform	UG/L	7	4.0 U	50 U	4.0 U	1.0 U	2.0 U
Cyclohexane	UG/L	50	4.0	50 U	4.8	1.0 U	3.3
Ethylbenzene	UG/L	5	5.2	3,100	77	13	320 D
Isopropylbenzene (Cumene)	UG/L	5	4.0 U	110	12	1.2	44
Methyl tert-butyl ether	UG/L	10	4.0 U	50 U	15	1.0 U	2.0 U
Methylcyclohexane	UG/L	50	2.6 J	50 U	1.9 J	1.0 U	2.3
Methylene chloride	UG/L	5	4.0 U	50 U	3.3 J	1.0 U	2.0 U
Styrene	UG/L	5	4.0 U	230	4.0 U	1.8	2.0 U
Tetrachloroethene	UG/L	5	4.0 U	50 U	4.0 U	1.0 U	2.0 U
Toluene	UG/L	5	10	4,800	6.9	5.8	59
Trichloroethene	UG/L	5	4.0 U	50 U	4.0 U	1.0 U	2.0 U
Vinyl chloride	UG/L	2	4.0 U	50 U	4.0 U	1.0 U	2.0 U
Xylene (total)	UG/L	5	6.4 J	3,100	42	19	240
Total BTEX	UG/L	-	301.6	22,000	305.9	62.8	789
Total Volatile Organic Compounds	UG/L	-	308.2	22,340	342.9	65.8	838.6
Semivolatile Organic Compounds							
1,1-Biphenyl	UG/L	5	10 U	1,300	30	6 J	65
2,4-Dimethylphenol	UG/L	50	10 U	880	6 J	9 U	10 U

*Criteria- NYSDEC TOGS (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations, April 2000, Class GA.

Flags assigned during chemistry validation are shown.

 Concentration Exceeds Criteria

J - The reported concentration is an estimated value.

D - Result reported from a secondary dilution analysis.

U - Not detected above the reported quantitation limit.

NA - Not Analyzed

Only Detected Results Reported.

Detection Limits shown are PQL

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TABLE 4-11
SUMMARY OF DETECTED RI GROUNDWATER ANALYTICAL RESULTS
INTERMEDIATE BEDROCK WELLS
NYSEG - FORMER TRANSIT STREET MGP SITE, LOCKPORT, NEW YORK

Location ID			MW-04	MW-07	MW-08	MW-09	MW-12
Sample ID			MW-04	MW-07-GW	MW-08-GW	MW-9-GW	MW-12-GW
Matrix			Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)			45.5-85.5	44.5-54.5	6.3-30.0	25.7-65.0	43.0-53.0
Date Sampled			09/20/05	06/24/05	06/15/05	06/16/05	06/24/05
Parameter	Units	Criteria*					
Semivolatile Organic Compounds							
2-Methylnaphthalene	UG/L	50	0.6 J	11,000 D	10 U	2 J	190 D
2-Methylphenol (o-cresol)	UG/L	1	10 U	100 J	10 U	9 U	10 U
4-Methylphenol (p-cresol)	UG/L	1	10 U	53 J	10 U	9 U	10 U
Acenaphthene	UG/L	20	10 U	2,000	120	4 J	210 D
Acenaphthylene	UG/L	50	10 U	4,000 DJ	16	26	54
Anthracene	UG/L	50	10 U	2,900	10	5 J	21
Benzo(a)anthracene	UG/L	0.002	10 U	1,600	10 U	9 U	6 J
Benzo(a)pyrene	UG/L	ND	10 U	1,100	10 U	9 U	4 J
Benzo(b)fluoranthene	UG/L	0.002	10 U	900	10 U	9 U	3 J
Benzo(g,h,i)perylene	UG/L	50	10 U	570	10 U	9 U	2 J
Benzo(k)fluoranthene	UG/L	0.002	10 U	270	10 U	9 U	10 U
Carbazole	UG/L	50	10 U	320	9 J	9 U	14
Chrysene	UG/L	0.002	10 U	1,300	10 U	9 U	5 J
Dibenz(a,h)anthracene	UG/L	50	10 U	190	10 U	9 U	10 U
Dibenzofuran	UG/L	50	10 U	680	14	2 J	16
Di-n-butylphthalate	UG/L	50	10 U	190 U	10 U	9 U	10 U
Fluoranthene	UG/L	50	10 U	2,900 DJ	8 J	2 J	14
Fluorene	UG/L	50	10 U	3,000 DJ	45	12	86
Indeno(1,2,3-cd)pyrene	UG/L	0.002	10 U	480	10 U	9 U	10 U
Naphthalene	UG/L	10	3 J	31,000 D	4 J	62	610 D
Phenanthrene	UG/L	50	10 U	8,600 D	37	23	99
Phenol	UG/L	1	10 U	32 J	10 U	9 U	10 U

*Criteria- NYSDC TOGS (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations, April 2000, Class GA.

Flags assigned during chemistry validation are shown.

 Concentration Exceeds Criteria

J - The reported concentration is an estimated value.

D - Result reported from a secondary dilution analysis.

U - Not detected above the reported quantitation limit.

NA - Not Analyzed

Only Detected Results Reported.

Detection Limits shown are PQL

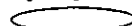
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TABLE 4-11
SUMMARY OF DETECTED RI GROUNDWATER ANALYTICAL RESULTS
INTERMEDIATE BEDROCK WELLS
NYSEG - FORMER TRANSIT STREET MGP SITE, LOCKPORT, NEW YORK

Location ID			MW-04	MW-07	MW-08	MW-09	MW-12
Sample ID			MW-04	MW-07-GW	MW-08-GW	MW-9-GW	MW-12-GW
Matrix			Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)			45.5-85.5	44.5-54.5	6.3-30.0	25.7-65.0	43.0-53.0
Date Sampled			09/20/05	06/24/05	06/15/05	06/16/05	06/24/05
Parameter	Units	Criteria*					
Semivolatile Organic Compounds							
Pyrene	UG/L	50	10 U	3,800 DJ	7 J	2 J	18
Total Carcinogenic PAHs	UG/L	-	ND	5,840	ND	ND	18
Total Non-Carcinogenic PAHs	UG/L	-	3.6	69,770	247	138	1,304
Total Polycyclic Aromatic Hydrocarbons	UG/L	-	3.6	75,610	247	138	1,322
Total Semivolatile Organic Compounds	UG/L	-	3.6	78,975	306	146	1,417
Metals							
Aluminum	UG/L	-	200 U	233	200 U	200 U	200 U
Barium	UG/L	1000	16.7	3.1	36.2	33.6	23.7
Calcium	UG/L	-	1,160,000	229,000	112,000	181,000 J	85,100
Chromium	UG/L	50	4.0 U	4.0 U	4.0 U	4.0 U	10.8
Copper	UG/L	200	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U
Iron	UG/L	300	2,330	12,800	852	844	2,760
Lead	UG/L	25	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Magnesium	UG/L	35000	641,000	219,000	38,600 J	66,300 J	36,300
Manganese	UG/L	300	157	59.6	65.2	70.6	102
Nickel	UG/L	100	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U
Potassium	UG/L	-	223,000	75,400 J	15,200	6,990	16,600
Sodium	UG/L	20000	8,220,000	2,790,000	331,000	166,000 J	394,000
Zinc	UG/L	2000	20.0 U	20.0 U	20.0 U	20.0 U	20.0 U
Filtered Metals							
Iron	UG/L	300	NA	NA	50.0 U	NA	126

*Criteria- NYSDEC TOGS (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations, April 2000, Class GA.

Flags assigned during chemistry validation are shown.

 Concentration Exceeds Criteria

J - The reported concentration is an estimated value.

D - Result reported from a secondary dilution analysis.

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Only Detected Results Reported.

Detection Limits shown are PQL

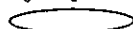
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TABLE 4-11
SUMMARY OF DETECTED RI GROUNDWATER ANALYTICAL RESULTS
INTERMEDIATE BEDROCK WELLS
NYSEG - FORMER TRANSIT STREET MGP SITE, LOCKPORT, NEW YORK

Location ID			MW-04	MW-07	MW-08	MW-09	MW-12
Sample ID			MW-04	MW-07-GW	MW-08-GW	MW-9-GW	MW-12-GW
Matrix			Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)			45.5-85.5	44.5-54.5	6.3-30.0	25.7-65.0	43.0-53.0
Date Sampled			09/20/05	06/24/05	06/15/05	06/16/05	06/24/05
Parameter	Units	Criteria*					
Miscellaneous Parameters							
Alkalinity, Total (as CaCO ₃)	MG/L	-	NA	NA	338	NA	288
Chloride	MG/L	250	NA	NA	762	NA	755
Total Cyanide	UG/L	200	10 U	24.1 J	10 UJ	10 UJ	10 U
Ferrous Iron	MG/L	-	NA	NA	0.24	NA	0.11
Nitrate-Nitrogen	MG/L	10	NA	NA	0.050 U	NA	0.050 U
pH	S.U.	6.5-8.5	6.94	9.91	7.74	7.48	8.52
Phenolics, Total Recoverable	MG/L	0.001	0.010 U	0.81	0.013	0.010 U	0.044 J
Sulfate (as SO ₄)	MG/L	250	NA	NA	244	NA	225
Sulfide	MG/L	0.05	NA	NA	0.22	NA	2.5
Temperature	DEG C	-	12.69	14.01	12.93	12.56	18.49
Total Dissolved Solids	MG/L	500	NA	NA	1,430	NA	1,560
Specific Conductance	MS/CM	-	30.0	18.50	2.72	2.18	3.05
Dissolved Oxygen	MG/L	-	2.91	1.05	0 U	0 U	0 U
Oxidation Reduction Potential	MILLIVOLTS	-	-318	-251	-376	-275	-389
Turbidity	NTU	-	20	1,000	2	4	11

*Criteria- NYSDEC TOGS (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations, April 2000, Class GA.

Flags assigned during chemistry validation are shown.



Concentration Exceeds Criteria

J - The reported concentration is an estimated value.
D - Result reported from a secondary dilution analysis.
U - Not detected above the reported quantitation limit.
NA - Not Analyzed

Only Detected Results Reported.

Detection Limits shown are PQL

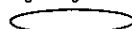
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TABLE 4-11
SUMMARY OF DETECTED RI GROUNDWATER ANALYTICAL RESULTS
INTERMEDIATE BEDROCK WELLS
NYSEG - FORMER TRANSIT STREET MGP SITE, LOCKPORT, NEW YORK

Location ID			MW-13	MW-14	MW-15	MW-16	MW-18
Sample ID			MW-13-GW	MW-14-GW	MW-15-GW	MW-16-GW	MW-18-GW
Matrix			Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)			10.6-50.0	39.7-80.0	11.0-50.0	3.2-30.0	14.5-50.0
Date Sampled			06/17/05	06/16/05	06/17/05	06/15/05	06/17/05
Parameter	Units	Criteria*					
Volatile Organic Compounds							
1,2-Dichloroethene (cis)	UG/L	5	1.0 U	1.0 U	5.4	1.0 U	1.0 U
1,2-Dichloroethene (trans)	UG/L	5	1.0 U	1.0 U	3.0	1.0 U	1.0 U
Benzene	UG/L	1	1.0 U	1.0 U	1.3	34	1.0 U
Carbon disulfide	UG/L	60	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloroform	UG/L	7	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Cyclohexane	UG/L	50	1.0 U	1.0 U	1.5	1.0 U	1.0 U
Ethylbenzene	UG/L	5	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Isopropylbenzene (Cumene)	UG/L	5	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Methyl tert-butyl ether	UG/L	10	1.0 U	1.0 U	1.0 U	17	0.75 J
Methylcyclohexane	UG/L	50	1.0 U	1.0 U	1.9	1.0 U	1.0 U
Methylene chloride	UG/L	5	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Styrene	UG/L	5	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Tetrachloroethene	UG/L	5	1.0 U	1.0 U	5.1	1.0 U	1.0 U
Toluene	UG/L	5	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Trichloroethene	UG/L	5	1.0 U	1.0 U	5.4	1.0 U	1.0 U
Vinyl chloride	UG/L	2	1.0 U	1.0 U	2.6	1.0 U	1.0 U
Xylene (total)	UG/L	5	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U
Total BTEX	UG/L	-	ND	ND	1.3	34	ND
Total Volatile Organic Compounds	UG/L	-	ND	ND	26.2	51	0.75
Semivolatile Organic Compounds							
1,1-Biphenyl	UG/L	5	10 U	10 U	10 U	10 U	10 U
2,4-Dimethylphenol	UG/L	50	10 U	10 U	10 U	10 U	10 U

*Criteria- NYSDEC TOGS (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations. April 2000, Class GA.

Flags assigned during chemistry validation are shown.



Concentration Exceeds Criteria

J - The reported concentration is an estimated value.
D - Result reported from a secondary dilution analysis.
U - Not detected above the reported quantitation limit.
NA - Not Analyzed

Only Detected Results Reported.

Detection Limits shown are PQL

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TABLE 4-11
SUMMARY OF DETECTED RI GROUNDWATER ANALYTICAL RESULTS
INTERMEDIATE BEDROCK WELLS
NYSEG - FORMER TRANSIT STREET MGP SITE, LOCKPORT, NEW YORK

Location ID			MW-13	MW-14	MW-15	MW-16	MW-18
Sample ID			MW-13-GW	MW-14-GW	MW-15-GW	MW-16-GW	MW-18-GW
Matrix			Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)			10.6-50.0	39.7-80.0	11.0-50.0	3.2-30.0	14.5-50.0
Date Sampled			06/17/05	06/16/05	06/17/05	06/15/05	06/17/05
Parameter	Units	Criteria*					
Semivolatile Organic Compounds							
2-Methylnaphthalene	UG/L	50	10 U	10 U	10 U	10 U	10 U
2-Methylphenol (o-cresol)	UG/L	1	10 U	10 U	10 U	10 U	10 U
4-Methylphenol (p-cresol)	UG/L	1	10 U	10 U	10 U	10 U	10 U
Acenaphthene	UG/L	20	10 U	10 U	10 U	10 U	10 U
Acenaphthylene	UG/L	50	10 U	10 U	10 U	10 U	10 U
Anthracene	UG/L	50	10 U	10 U	10 U	10 U	10 U
Benzo(a)anthracene	UG/L	0.002	10 U	10 U	10 U	10 U	10 U
Benzo(a)pyrene	UG/L	ND	10 U	10 U	10 U	10 U	10 U
Benzo(b)fluoranthene	UG/L	0.002	10 U	10 U	10 U	10 U	10 U
Benzo(g,h,i)perylene	UG/L	50	10 U	10 U	10 U	10 U	10 U
Benzo(k)fluoranthene	UG/L	0.002	10 U	10 U	10 U	10 U	10 U
Carbazole	UG/L	50	10 U	10 U	10 U	10 U	10 U
Chrysene	UG/L	0.002	10 U	10 U	10 U	10 U	10 U
Dibenz(a,h)anthracene	UG/L	50	10 U	10 U	10 U	10 U	10 U
Dibenzofuran	UG/L	50	10 U	10 U	10 U	10 U	10 U
Di-n-butylphthalate	UG/L	50	10 U	10 U	10 U	10 U	10 U
Fluoranthene	UG/L	50	10 U	10 U	10 U	10 U	10 U
Fluorene	UG/L	50	10 U	10 U	10 U	10 U	10 U
Indeno(1,2,3-cd)pyrene	UG/L	0.002	10 U	10 U	10 U	10 U	10 U
Naphthalene	UG/L	10	10 U	10 U	10 U	10 U	10 U
Phenanthrene	UG/L	50	10 U	10 U	10 U	10 U	10 U
Phenol	UG/L	1	10 U	10 U	10 U	10 U	10 U

*Criteria- NYSDEC TOGS (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations, April 2000, Class GA.

Flags assigned during chemistry validation are shown.



Concentration Exceeds Criteria

J - The reported concentration is an estimated value.

D - Result reported from a secondary dilution analysis.

U - Not detected above the reported quantitation limit.

NA - Not Analyzed

Only Detected Results Reported.

Detection Limits shown are PQL

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TABLE 4-11
SUMMARY OF DETECTED RI GROUNDWATER ANALYTICAL RESULTS
INTERMEDIATE BEDROCK WELLS
NYSEG - FORMER TRANSIT STREET MGP SITE, LOCKPORT, NEW YORK

Location ID			MW-13	MW-14	MW-15	MW-16	MW-18
Sample ID			MW-13-GW	MW-14-GW	MW-15-GW	MW-16-GW	MW-18-GW
Matrix			Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)			10.6-50.0	39.7-80.0	11.0-50.0	3.2-30.0	14.5-50.0
Date Sampled			06/17/05	06/16/05	06/17/05	06/15/05	06/17/05
Parameter	Units	Criteria*					
Semivolatile Organic Compounds							
Pyrene	UG/L	50	10 U	10 U	10 U	10 U	10 U
Total Carcinogenic PAHs	UG/L	-	ND	ND	ND	ND	ND
Total Non-Carcinogenic PAHs	UG/L	-	ND	ND	ND	ND	ND
Total Polycyclic Aromatic Hydrocarbons	UG/L	-	ND	ND	ND	ND	ND
Total Semivolatile Organic Compounds	UG/L	-	ND	ND	ND	ND	ND
Metals							
Aluminum	UG/L	-	200 U	200 U	200 U	200 U	200 U
Barium	UG/L	1000	82.6	18.6	88.2	66.9	62.9
Calcium	UG/L	-	156,000	171,000 J	179,000	149,000	182,000
Chromium	UG/L	50	4.0 U	4.0 U	4.0 U	4.0 U	4.0 U
Copper	UG/L	200	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U
Iron	UG/L	300	301	561	135	151	8,100
Lead	UG/L	25	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Magnesium	UG/L	35000	40,600	60,900 J	47,500	33,200	59,600
Manganese	UG/L	300	19.3	58.0	150	136	515
Nickel	UG/L	100	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U
Potassium	UG/L	-	17,500 J	7,300	29,000 J	12,000	28,900 J
Sodium	UG/L	20000	414,000	135,000 J	589,000	239,000	511,000
Zinc	UG/L	2000	20.0 U	20.0 U	20.0 U	20.0 U	20.0 U
Filtered Metals							
Iron	UG/L	300	50.0 U	NA	113	NA	NA

*Criteria- NYSDEC TOGS (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations. April 2000, Class GA.

Flags assigned during chemistry validation are shown.

 Concentration Exceeds Criteria

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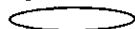
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TABLE 4-11
SUMMARY OF DETECTED RI GROUNDWATER ANALYTICAL RESULTS
INTERMEDIATE BEDROCK WELLS
NYSEG - FORMER TRANSIT STREET MGP SITE, LOCKPORT, NEW YORK

Location ID			MW-13	MW-14	MW-15	MW-16	MW-18
Sample ID			MW-13-GW	MW-14-GW	MW-15-GW	MW-16-GW	MW-18-GW
Matrix			Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)			10.6-50.0	39.7-80.0	11.0-50.0	3.2-30.0	14.5-50.0
Date Sampled			06/17/05	06/16/05	06/17/05	06/15/05	06/17/05
Parameter	Units	Criteria*					
Miscellaneous Parameters							
Alkalinity, Total (as CaCO ₃)	MG/L	-	320	NA	324	NA	NA
Chloride	MG/L	250	1,010	NA	1,500	NA	NA
Total Cyanide	UG/L	200	10 U	10 UJ	10 U	10.4 J	10 U
Ferrous Iron	MG/L	-	0 U	NA	0.12	NA	NA
Nitrate-Nitrogen	MG/L	10	2.8	NA	0.43	NA	NA
pH	S.U.	6.5-8.5	7.38	7.37	7.43	7.50	7.32
Phenolics, Total Recoverable	MG/L	0.001	0.010 UJ	0.010 U	0.010 UJ	0.010 U	0.010 UJ
Sulfate (as SO ₄)	MG/L	250	234	NA	252	NA	NA
Sulfide	MG/L	0.05	0.10 U	NA	0.10 U	NA	NA
Temperature	DEG C	-	13.71	13.58	13.25	12.38	14.79
Total Dissolved Solids	MG/L	500	1,840	NA	2,470	NA	NA
Specific Conductance	MS/CM	-	3.28	1.98	4.51	2.41	4.15
Dissolved Oxygen	MG/L	-	0 U	0 U	0 U	0 U	0 U
Oxidation Reduction Potential	MILLIVOLTS	-	-91	-276	-222	-221	-199
Turbidity	NTU	-	2	0 U	2	1	21

*Criteria- NYSDC TOGS (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations. April 2000, Class GA.

Flags assigned during chemistry validation are shown.



Concentration Exceeds Criteria

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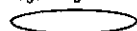
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TABLE 4-11
SUMMARY OF DETECTED RI GROUNDWATER ANALYTICAL RESULTS
INTERMEDIATE BEDROCK WELLS
NYSEG - FORMER TRANSIT STREET MGP SITE, LOCKPORT, NEW YORK

Location ID			MW-19
Sample ID			MW-19-GW
Matrix			Groundwater
Depth Interval (ft)			11.0-45.0
Date Sampled			06/17/05
Parameter	Units	Criteria*	
Volatile Organic Compounds			
1,2-Dichloroethene (cis)	UG/L	5	1.0 U
1,2-Dichloroethene (trans)	UG/L	5	1.0 U
Benzene	UG/L	1	1.0 U
Carbon disulfide	UG/L	60	1.0 U
Chloroform	UG/L	7	0.65 J
Cyclohexane	UG/L	50	1.0 U
Ethylbenzene	UG/L	5	1.0 U
Isopropylbenzene (Cumene)	UG/L	5	1.0 U
Methyl tert-butyl ether	UG/L	10	1.0 U
Methylcyclohexane	UG/L	50	1.0 U
Methylene chloride	UG/L	5	1.0 U
Styrene	UG/L	5	1.0 U
Tetrachloroethene	UG/L	5	1.0 U
Toluene	UG/L	5	1.0 U
Trichloroethene	UG/L	5	1.0 U
Vinyl chloride	UG/L	2	1.0 U
Xylene (total)	UG/L	5	3.0 U
Total BTEX	UG/L	-	ND
Total Volatile Organic Compounds	UG/L	-	0.65
Semivolatile Organic Compounds			
1,1-Biphenyl	UG/L	5	10 U
2,4-Dimethylphenol	UG/L	50	10 U

*Criteria- NYSDEC TOGS (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations, April 2000, Class GA.

Flags assigned during chemistry validation are shown.



Concentration Exceeds Criteria

J - The reported concentration is an estimated value.

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Only Detected Results Reported.

Detection Limits shown are PQL

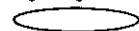
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TABLE 4-11
SUMMARY OF DETECTED RI GROUNDWATER ANALYTICAL RESULTS
INTERMEDIATE BEDROCK WELLS
NYSEG - FORMER TRANSIT STREET MGP SITE, LOCKPORT, NEW YORK

Location ID			MW-19
Sample ID			MW-19-GW
Matrix			Groundwater
Depth Interval (ft)			11.0-45.0
Date Sampled			06/17/05
Parameter	Units	Criteria*	
Semivolatile Organic Compounds			
2-Methylnaphthalene	UG/L	50	10 U
2-Methylphenol (o-cresol)	UG/L	1	10 U
4-Methylphenol (p-cresol)	UG/L	1	10 U
Acenaphthene	UG/L	20	10 U
Acenaphthylene	UG/L	50	10 U
Anthracene	UG/L	50	10 U
Benzo(a)anthracene	UG/L	0.002	10 U
Benzo(a)pyrene	UG/L	ND	10 U
Benzo(b)fluoranthene	UG/L	0.002	10 U
Benzo(g,h,i)perylene	UG/L	50	10 U
Benzo(k)fluoranthene	UG/L	0.002	10 U
Carbazole	UG/L	50	10 U
Chrysene	UG/L	0.002	10 U
Dibenz(a,h)anthracene	UG/L	50	10 U
Dibenzofuran	UG/L	50	10 U
Di-n-butylphthalate	UG/L	50	12
Fluoranthene	UG/L	50	10 U
Fluorene	UG/L	50	10 U
Indeno(1,2,3-cd)pyrene	UG/L	0.002	10 U
Naphthalene	UG/L	10	10 U
Phenanthrene	UG/L	50	10 U
Phenol	UG/L	1	10 U

*Criteria- NYSDEC TOGS (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations, April 2000, Class GA.

Flags assigned during chemistry validation are shown.



Concentration Exceeds Criteria

J - The reported concentration is an estimated value.

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Only Detected Results Reported.

Detection Limits shown are PQL

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TABLE 4-11
SUMMARY OF DETECTED RI GROUNDWATER ANALYTICAL RESULTS
INTERMEDIATE BEDROCK WELLS
NYSEG - FORMER TRANSIT STREET MGP SITE, LOCKPORT, NEW YORK

Location ID			MW-19
Sample ID			MW-19-GW
Matrix			Groundwater
Depth Interval (ft)			11.0-45.0
Date Sampled			06/17/05
Parameter	Units	Criteria*	
Semivolatile Organic Compounds			
Pyrene	UG/L	50	10 U
Total Carcinogenic PAHs	UG/L	-	ND
Total Non-Carcinogenic PAHs	UG/L	-	ND
Total Polycyclic Aromatic Hydrocarbons	UG/L	-	ND
Total Semivolatile Organic Compounds	UG/L	-	12
Metals			
Aluminum	UG/L	-	200 U
Barium	UG/L	1000	89.9
Calcium	UG/L	-	177,000
Chromium	UG/L	50	4.1
Copper	UG/L	200	10.0 U
Iron	UG/L	300	584
Lead	UG/L	25	5.0 U
Magnesium	UG/L	35000	40,300
Manganese	UG/L	300	22.2
Nickel	UG/L	100	10.0 U
Potassium	UG/L	-	27,300 J
Sodium	UG/L	20000	891,000
Zinc	UG/L	2000	20.0 U
Filtered Metals			
Iron	UG/L	300	NA

*Criteria- NYSDEC TOGS (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations. April 2000, Class GA.

Flags assigned during chemistry validation are shown.



Concentration Exceeds Criteria

J - The reported concentration is an estimated value.

D - Result reported from a secondary dilution analysis.

U - Not detected above the reported quantitation limit.

NA - Not Analyzed

Only Detected Results Reported.

Detection Limits shown are PQL

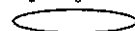
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TABLE 4-11
SUMMARY OF DETECTED RI GROUNDWATER ANALYTICAL RESULTS
INTERMEDIATE BEDROCK WELLS
NYSEG - FORMER TRANSIT STREET MGP SITE, LOCKPORT, NEW YORK

Location ID			MW-19
Sample ID			MW-19-GW
Matrix			Groundwater
Depth Interval (ft)			11.0-45.0
Date Sampled			06/17/05
Parameter	Units	Criteria*	
Miscellaneous Parameters			
Alkalinity, Total (as CaCO ₃)	MG/L	-	NA
Chloride	MG/L	250	NA
Total Cyanide	UG/L	200	10 U
Ferrous Iron	MG/L	-	NA
Nitrate-Nitrogen	MG/L	10	NA
pH	S.U.	6.5-8.5	7.74
Phenolics, Total Recoverable	MG/L	0.001	0.010 UJ
Sulfate (as SO ₄)	MG/L	250	NA
Sulfide	MG/L	0.05	NA
Temperature	DEG C	-	14.62
Total Dissolved Solids	MG/L	500	NA
Specific Conductance	MS/CM	-	6.06
Dissolved Oxygen	MG/L	-	3.71
Oxidation Reduction Potential	MILLIVOLTS	-	17
Turbidity	NTU	-	0 U

*Criteria- NYSDEC TOGS (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations. April 2000, Class GA.

Flags assigned during chemistry validation are shown.

 Concentration Exceeds Criteria

J - The reported concentration is an estimated value.

D - Result reported from a secondary dilution analysis.

U - Not detected above the reported quantitation limit.

NA - Not Analyzed

Only Detected Results Reported.

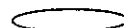
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TABLE 4-12
STATISTICAL SUMMARY OF RI GROUNDWATER ANALYTICAL RESULTS
INTERMEDIATE BEDROCK WELLS
NYSEG - FORMER TRANSIT STREET MGP SITE

Parameter	Units	Criteria*	No. of Samples	No. of Detections	Range of Detections					No. Exceed	Dist	Location of Max Value	Depth Of Max
					Min	Max	Avg	StdDev	UCL95				
Volatile Organic Compounds													
1,2-Dichloroethene (cis)	UG/L	5	20	1	5.40	5.40	5.40	-	-	1	Non-Normal	MW-15	11-50
1,2-Dichloroethene (trans)	UG/L	5	20	1	3.00	3.00	3.00	-	-	0	Non-Normal	MW-15	11-50
Benzene	UG/L	1	20	14	1.30	1.10E+04	1,827	3,472	3,646	14	Non-Normal	MW-07	44.5-54.5
Carbon disulfide	UG/L	60	20	1	2.20	2.20	2.20	-	-	0	Non-Normal	BMW-04-12	39-59
Chloroform	UG/L	7	20	2	0.570	0.650	0.610	0.057	0.688	0	Non-Normal	MW-19	11-45
Cyclohexane	UG/L	50	20	7	1.50	38.00	8.61	13.00	18.25	0	Non-Normal	BMW-04-02	14-59.7
Ethylbenzene	UG/L	5	20	12	5.20	3,100	633.7	978.1	1,187	12	Non-Normal	MW-07	44.5-54.5
Isopropylbenzene (Cumene)	UG/L	5	20	9	0.250	110.0	32.58	35.88	56.03	7	Non-Normal	MW-07	44.5-54.5
Methyl tert-butyl ether	UG/L	10	20	3	0.750	17.00	10.92	8.86	20.94	2	Non-Normal	MW-16	3.2-30
Methylcyclohexane	UG/L	50	20	6	1.90	15.00	4.28	5.26	8.49	0	Non-Normal	BMW-04-02	14-59.7
Methylene chloride	UG/L	5	20	1	3.30	3.30	3.30	-	-	0	Non-Normal	MW-08	6.3-30
Styrene	UG/L	5	20	5	1.80	1,400	409.9	567.8	907.5	4	Non-Normal	BMW-04-11	38.2-60
Tetrachloroethene	UG/L	5	20	1	5.10	5.10	5.10	-	-	1	Non-Normal	MW-15	11-50
Toluene	UG/L	5	20	12	5.80	4,800	1,087	1,672	2,033	12	Non-Normal	MW-07	44.5-54.5
Trichloroethene	UG/L	5	20	1	5.40	5.40	5.40	-	-	1	Non-Normal	MW-15	11-50
Vinyl chloride	UG/L	2	20	1	2.60	2.60	2.60	-	-	1	Non-Normal	MW-15	11-50
Xylene (total)	UG/L	5	20	12	6.40	3,100	797.9	1,114	1,428	12	Non-Normal	MW-07	44.5-54.5

*Criteria- NYSDEC TOGS (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations, April 2000, Class GA.

 Concentration Exceeds Criteria

Only Detected Results Reported.

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TABLE 4-12
STATISTICAL SUMMARY OF RI GROUNDWATER ANALYTICAL RESULTS
INTERMEDIATE BEDROCK WELLS
NYSEG - FORMER TRANSIT STREET MGP SITE

Parameter	Units	Criteria*	No. of Samples	No. of Detections	Range of Detections					No. Exceed	Dist	Location of Max Value	Depth Of Max
					Min	Max	Avg	StdDev	UCL95				
Semivolatile Organic Compounds													
1,1-Biphenyl	UG/L	5	20	10	6.00	1,300	170.8	397.4	417.1	10	Non-Normal	MW-07	44.5-54.5
2,4-Dimethylphenol	UG/L	50	20	6	6.00	880.0	196.5	346.9	474.1	2	Non-Normal	MW-07	44.5-54.5
2-Methylnaphthalene	UG/L	50	20	12	0.600	1.10E+04	1,193	3,113	2,955	8	Non-Normal	MW-07	44.5-54.5
2-Methylphenol (o-cresol)	UG/L	1	20	3	2.00	100.0	65.00	54.67	126.9	3	Non-Normal	MW-07	44.5-54.5
4-Methylphenol (p-cresol)	UG/L	1	20	6	2.00	79.50	25.25	33.01	51.66	6	Non-Normal	MW-03	13.87-60
Acenaphthene	UG/L	20	20	11	0.500	2,000	298.6	572.1	636.7	8	Non-Normal	MW-07	44.5-54.5
Acenaphthylene	UG/L	50	20	12	3.00	4,000	416.7	1,133	1,058	7	Non-Normal	MW-07	44.5-54.5
Anthracene	UG/L	50	20	10	1.00	2,900	311.5	910.1	875.6	2	Non-Normal	MW-07	44.5-54.5
Benzo(a)anthracene	UG/L	0.002	20	3	3.00	1,600	536.3	921.2	1,579	3	Non-Normal	MW-07	44.5-54.5
Benzo(a)pyrene	UG/L	0	20	2	4.00	1,100	552.0	775.0	1,626	2	Non-Normal	MW-07	44.5-54.5
Benzo(b)fluoranthene	UG/L	0.002	20	2	3.00	900.0	451.5	634.3	1,331	2	Non-Normal	MW-07	44.5-54.5
Benzo(g,h,i)perylene	UG/L	50	20	2	2.00	570.0	286.0	401.6	842.6	1	Non-Normal	MW-07	44.5-54.5
Benzo(k)fluoranthene	UG/L	0.002	20	1	270.0	270.0	270.0	-	-	1	Non-Normal	MW-07	44.5-54.5
Carbazole	UG/L	50	20	6	9.00	320.0	73.42	121.7	170.8	1	Non-Normal	MW-07	44.5-54.5
Chrysene	UG/L	0.002	20	4	2.00	1,300	337.5	641.9	966.6	4	Non-Normal	MW-07	44.5-54.5
Dibenz(a,h)anthracene	UG/L	50	20	1	190.0	190.0	190.0	-	-	1	Non-Normal	MW-07	44.5-54.5
Dibenzofuran	UG/L	50	20	8	0.500	680.0	92.69	237.4	257.2	1	Non-Normal	MW-07	44.5-54.5

*Criteria- NYSDEC TOGS (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations, April 2000, Class GA.

○ Concentration Exceeds Criteria

Only Detected Results Reported.

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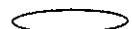
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TABLE 4-12
STATISTICAL SUMMARY OF RI GROUNDWATER ANALYTICAL RESULTS
INTERMEDIATE BEDROCK WELLS
NYSEG - FORMER TRANSIT STREET MGP SITE

Parameter	Units	Criteria*	No. of Samples	No. of Detections	Range of Detections					No. Exceed	Dist	Location of Max Value	Depth Of Max
					Min	Max	Avg	StdDev	UCL95				
Semivolatile Organic Compounds													
Di-n-butylphthalate	UG/L	50	20	1	12.00	12.00	12.00	-	-	0	Non-Normal	MW-19	11-45
Fluoranthene	UG/L	50	20	10	0.900	2,900	305.6	912.0	870.8	2	Non-Normal	MW-07	44.5-54.5
Fluorene	UG/L	50	20	10	12.00	3,000	361.4	928.0	936.6	6	Non-Normal	MW-07	44.5-54.5
Indeno(1,2,3-cd)pyrene	UG/L	0.002	20	1	480.0	480.0	480.0	-	-	1	Non-Normal	MW-07	44.5-54.5
Naphthalene	UG/L	10	20	12	3.00	3.10E+04	4,924	8,904	9,962	8	Non-Normal	MW-07	44.5-54.5
Phenanthrene	UG/L	50	20	12	4.00	8,600	792.0	2,461	2,184	7	Non-Normal	MW-07	44.5-54.5
Phenol	UG/L	1	20	2	30.00	32.00	31.00	1.41	32.96	2	Non-Normal	MW-07	44.5-54.5
Pyrene	UG/L	50	20	12	1.00	3,800	334.3	1,092	952.1	2	Non-Normal	MW-07	44.5-54.5
Metals													
Aluminum	UG/L	-	20	3	233.0	331.0	283.0	49.03	338.5	0	Non-Normal	MW-04	45.5-85.5
Barium	UG/L	1000	20	20	3.10	127.0	50.55	35.80	66.24	0	Normal	BMW-04-11	38.2-60
Calcium	UG/L	-	20	20	8.51E+04	1.16E+06	2.57E+05	2.76E+05	3.79E+05	0	Non-Normal	MW-04	45.5-85.5
Chromium	UG/L	50	20	7	4.10	10.80	6.50	2.32	8.22	0	Non-Normal	MW-12	43-53
Copper	UG/L	200	20	1	14.80	14.80	14.80	-	-	0	Non-Normal	BMW-04-14	46-66.5
Iron	UG/L	300	20	20	135.0	1.28E+04	2,082	3,366	1,649	17	Non-Normal	MW-07	44.5-54.5
Lead	UG/L	25	20	1	5.60	5.60	5.60	-	-	0	Non-Normal	BMW-04-02	14-59.7
Magnesium	UG/L	35000	20	20	4,540	6.41E+05	1.16E+05	1.73E+05	1.92E+05	18	Non-Normal	MW-04	45.5-85.5

*Criteria- NYSDEC TOGS (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations, April 2000, Class GA.

 Concentration Exceeds Criteria

Only Detected Results Reported.

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TABLE 4-12
STATISTICAL SUMMARY OF RI GROUNDWATER ANALYTICAL RESULTS
INTERMEDIATE BEDROCK WELLS
NYSEG - FORMER TRANSIT STREET MGP SITE

Parameter	Units	Criteria*	No. of Samples	No. of Detections	Range of Detections					No. Exceed	Dist	Location of Max Value	Depth Of Max
					Min	Max	Avg	StdDev	UCL95				
Metals													
Manganese	UG/L	300	20	20	9.30	515.0	106.1	112.4	155.3	1	Non-Normal	MW-18	14.5-50
Nickel	UG/L	100	20	1	10.30	10.30	10.30	-	-	0	Normal	BMW-04-14	46-66.5
Potassium	UG/L	-	20	20	6,990	2.23E+05	4.00E+04	5.89E+04	6.58E+04	0	Non-Normal	MW-04	45.5-85.5
Sodium	UG/L	20000	20	20	1.35E+05	8.43E+06	1.34E+06	2.46E+06	2.42E+06	20	Non-Normal	MW-04	45.5-85.5
Zinc	UG/L	2000	20	1	24.20	24.20	24.20	-	-	0	Non-Normal	BMW-04-01	25-70
Filtered Metals													
Iron	UG/L	300	10	3	113.0	580.0	273.0	3,366	1,649	1	Non-Normal	BMW-04-01	25-70
Miscellaneous Parameters													
Alkalinity, Total (as CaCO3)	MG/L	-	10	10	173.0	383.0	316.6	58.61	352.9	0	Non-Normal	BMW-04-02	14-89.7
Chloride	MG/L	250	10	10	560.0	2.80E+04	3,872	8,494	9,137	10	Non-Normal	MW-04	45.5-85.5
Total Cyanide	UG/L	200	20	5	10.40	24.10	18.57	5.68	23.55	0	Non-Normal	MW-07	44.5-54.5
Ferrous Iron	MG/L	-	9	6	0.010	0.850	0.347	0.360	0.635	0	Non-Normal	BMW-04-01	25-70
Nitrate-Nitrogen	MG/L	10	10	3	0.093	2.80	1.11	1.48	2.78	0	Non-Normal	MW-13	10.6-50
pH	S.U.	8.5	20	20	6.74	12.73	8.22	1.41	8.84	6	Non-Normal	BMW-04-11	38.2-60
Phenolics, Total Recoverable	MG/L	0.001	20	8	0.011	0.810	0.200	0.301	0.408	8	Non-Normal	MW-07	44.5-54.5
Sulfate (as SO4)	MG/L	250	10	10	225.0	5,900	908.7	1,762	2,001	7	Non-Normal	MW-04	45.5-85.5
Sulfide	MG/L	0.05	10	7	0.150	125.0	20.63	46.28	54.92	7	Non-Normal	MW-04	45.5-85.5

*Criteria- NYSDEC TOGS (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations. April 2000, Class GA.

 Concentration Exceeds Criteria

Only Detected Results Reported.

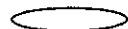
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TABLE 4-12
STATISTICAL SUMMARY OF RI GROUNDWATER ANALYTICAL RESULTS
INTERMEDIATE BEDROCK WELLS
NYSEG - FORMER TRANSIT STREET MGP SITE

Parameter	Units	Criteria*	No. of Samples	No. of Detections	Range of Detections					No. Exceed	Dist	Location of Max Value	Depth Of Max
					Min	Max	Avg	StdDev	UCL95				
Miscellaneous Parameters													
Temperature	DEG C	-	20	20	12.38	18.49	14.18	1.55	14.86	0	Non-Normal	MW-12	43-53
Total Dissolved Solids	MG/L	500	10	10	1,430	3.04E+04	4,872	8,982	1.04E+04	10	Non-Normal	MW-04	45.5-85.5
Specific Conductance	MS/CM	-	20	20	1.24	42.30	7.41	10.67	12.08	0	Non-Normal	MW-04	45.5-85.5
Dissolved Oxygen	MG/L	-	20	5	1.05	4.26	2.66	1.41	3.90	0	Non-Normal	BMW-04-12	39-59
Oxidation Reduction Potential	MILLIVOLTS	-	20	20	-4.03E+02	17.00	-2.81E+02	110.2	-2.33E+02	0	Non-Normal	MW-19	11-45
Turbidity	NTU	-	20	18	1.00	1,000	73.28	233.5	181.2	0	Non-Normal	MW-07	44.5-54.5

*Criteria- NYSDEC TOGS (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations, April 2000, Class GA.



Concentration Exceeds Criteria

Only Detected Results Reported.

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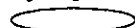
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TABLE 4-13
SUMMARY OF DETECTED RI GROUNDWATER ANALYTICAL RESULTS
DEEP BEDROCK WELLS
NYSEG - FORMER TRANSIT STREET MGP SITE, LOCKPORT, NEW YORK

Location ID			BMW-04-03	BMW-04-09	BMW-04-10	BMW-04-13	MW-02
Sample ID			BMW4-03-GW	BMW4-09-GW	BMW4-10-GW	BMW4-13-GW	FD-6-15-05
Matrix			Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)			13.0-75.0	20.5-79.5	45.0-65.0	35.5-60.5	8.0-55.0
Date Sampled			06/23/05	06/27/05	06/22/05	06/21/05	06/15/05
Parameter	Units	Criteria*					Field Duplicate (1-1)
Volatile Organic Compounds							
1,1-Dichloroethane	UG/L	5	2.0 U	8.0 U	2.7	1.0 U	1.0 U
1,2-Dichloroethene (cis)	UG/L	5	2.0 U	8.0 U	3.0	2.1	1.0 U
Benzene	UG/L	1	140	720 J	4.2	1.1	130 DJ
Carbon disulfide	UG/L	60	2.0 U	8.0 U	0.55 J	1.0 U	1.0 U
Cyclohexane	UG/L	50	2.0 U	8.0 U	2.0 U	1.0 U	45 DJ
Ethylbenzene	UG/L	5	180	310 J	1.4 J	1.0 U	270 DJ
Isopropylbenzene (Cumene)	UG/L	5	19	9.5 J	2.0 U	1.0 U	30 DJ
Methyl tert-butyl ether	UG/L	10	2.0 U	52	2.0 U	1.0 U	1.0 U
Methylcyclohexane	UG/L	50	2.0 U	8.0 U	2.0 U	1.0 U	31 DJ
Styrene	UG/L	5	2.0 U	130 J	2.0 U	1.0 U	1.0 U
Toluene	UG/L	5	9.5	680 J	1.3 J	1.4	30
Trichloroethene	UG/L	5	2.0 U	8.0 U	0.94 J	2.3	1.0 U
Vinyl chloride	UG/L	2	2.0 U	8.0 U	6.5	1.0 U	1.0 U
Xylene (total)	UG/L	5	72	650 J	2.9 J	3.0 U	210 DJ
Total BTEX	UG/L	-	401.5	2,360	9.8	2.5	640
Total Volatile Organic Compounds	UG/L	-	420.5	2,551.5	23.49	6.9	746
Semivolatile Organic Compounds							
1,1-Biphenyl	UG/L	5	28	8 J	26	9 U	32
2,4-Dimethylphenol	UG/L	50	10 U	41	10 U	9 U	10 U
2-Methylnaphthalene	UG/L	50	190 D	65	270 D	9 U	6 J
2-Methylphenol (o-cresol)	UG/L	1	10 U	33	10 U	9 U	10 U
4-Methylphenol (p-cresol)	UG/L	1	10 U	18	10 U	9 U	10 U

*Criteria- NYSDEC TOGS (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations, April 2000, Class GA.

Flags assigned during chemistry validation are shown.



Concentration Exceeds Criteria

J - The reported concentration is an estimated value.
D - Result reported from a secondary dilution analysis.
U - Not detected above the reported quantitation limit.
NA - Not Analyzed

Only Detected Results Reported.

Detection Limits shown are PQL

{ (LOCID) = 'BMW-04-03' OR (LOCID) = 'BMW-04-09' OR (LOCID) = 'BMW-04-10' OR (LOCID) = 'BMW-04-13' OR (LOCID) = 'MW-02' } AND (MATRIX) = 'WG' AND (LOGDATE) BETWEEN #6/1/05 AND #6/20/05

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AND #6/20/05

TABLE 4-13
SUMMARY OF DETECTED RI GROUNDWATER ANALYTICAL RESULTS
DEEP BEDROCK WELLS
NYSEG - FORMER TRANSIT STREET MGP SITE, LOCKPORT, NEW YORK

Location ID			BMW-04-03	BMW-04-09	BMW-04-10	BMW-04-13	MW-02
Sample ID			BMW4-03-GW	BMW4-09-GW	BMW4-10-GW	BMW4-13-GW	FD-6-15-05
Matrix			Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)			13.0-75.0	20.5-79.5	45.0-65.0	35.5-60.5	8.0-55.0
Date Sampled			06/23/05	06/27/05	06/22/05	06/21/05	06/15/05
Parameter	Units	Criteria*					Field Duplicate (1-1)
Semivolatile Organic Compounds							
Acenaphthene	UG/L	20	110	29	100	9 U	140
Acenaphthylene	UG/L	50	20	37	15	9 U	12
Anthracene	UG/L	50	17	10 U	5 J	9 U	24
Benzo(a)anthracene	UG/L	0.002	10 U	10 U	10 U	9 U	7 J
Benzo(a)pyrene	UG/L	ND	10 U	10 U	10 U	9 U	4 J
Benzo(b)fluoranthene	UG/L	0.002	10 U	10 U	10 U	9 U	3 J
Benzo(g,h,i)perylene	UG/L	50	10 U	10 U	10 U	9 U	2 J
Carbazole	UG/L	50	10 U	13	10 U	9 U	9 J
Chrysene	UG/L	0.002	10 U	10 U	10 U	9 U	6 J
Dibenzofuran	UG/L	50	9 J	8 J	10	9 U	21
Fluoranthene	UG/L	50	7 J	2 J	2 J	9 U	18
Fluorene	UG/L	50	37	8 J	36	9 U	72
Naphthalene	UG/L	10	15	1,300 D	140	9 U	150
Phenanthrene	UG/L	50	66	6 J	31	9 U	97
Phenol	UG/L	1	10 U	2 J	10 U	9 U	10 U
Pyrene	UG/L	50	7 J	2 J	2 J	9 U	20
Total Carcinogenic PAHs	UG/L	-	ND	ND	ND	ND	20
Total Non-Carcinogenic PAHs	UG/L	-	469	1,449	601	ND	541
Total Polycyclic Aromatic Hydrocarbons	UG/L	-	469	1,449	601	ND	561
Total Semivolatile Organic Compounds	UG/L	-	506	1,572	637	ND	623
Metals							
Aluminum	UG/L	-	200 U	200 U	200 U	200 U	R

*Criteria- NYSDEC TOGS (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations, April 2000, Class GA.

Flags assigned during chemistry validation are shown.



Concentration Exceeds Criteria

J - The reported concentration is an estimated value.

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U - Not detected above the reported quantitation limit.

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Only Detected Results Reported.

Detection Limits shown are PQL

([LOCID] = 'BMW-04-03' OR [LOCID] = 'BMW-04-09' OR [LOCID] = 'BMW-04-10' OR [LOCID] = 'BMW-04-13' OR [LOCID] = 'MW-02') AND ([MATRIX] = 'GW' AND ([LOGDATE] BETWEEN #6/15/05 AND #6/20/05)

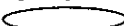
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TABLE 4-13
SUMMARY OF DETECTED RI GROUNDWATER ANALYTICAL RESULTS
DEEP BEDROCK WELLS
NYSEG - FORMER TRANSIT STREET MGP SITE, LOCKPORT, NEW YORK

Location ID			BMW-04-03	BMW-04-09	BMW-04-10	BMW-04-13	MW-02
Sample ID			BMW4-03-GW	BMW4-09-GW	BMW4-10-GW	BMW4-13-GW	FD-6-15-05
Matrix			Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)			13.0-75.0	20.5-79.5	45.0-65.0	35.5-60.5	8.0-55.0
Date Sampled			06/23/05	06/27/05	06/22/05	06/21/05	06/15/05
Parameter	Units	Criteria*					Field Duplicate (1-1)
Metals							
Barium	UG/L	1000	79.4	133	2.0 U	27.0	72.0
Cadmium	UG/L	5	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Calcium	UG/L	-	161,000	187,000	36,500	167,000	114,000
Chromium	UG/L	50	4.0 U	4.0 U	4.0 U	4.0 U	R
Copper	UG/L	200	10.0 U	10.0 U	10.0 U	10.0 U	R
Iron	UG/L	300	278	1,750	3,190	30,200	254 J
Lead	UG/L	25	5.0 U	5.0 U	5.0 U	5.0 U	6.3 J
Magnesium	UG/L	35000	47,200	50,800	14,700	51,200	30,900 J
Manganese	UG/L	300	87.9	402	32.7	260	118 J
Nickel	UG/L	100	10.0 U	10.0 U	10.0 U	34.0	R
Potassium	UG/L	-	17,900	13,000 J	14,300	21,000	13,900
Sodium	UG/L	20000	439,000	288,000	548,000	456,000	397,000
Vanadium	UG/L	-	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Zinc	UG/L	2000	20.0 U	20.0 U	20.0 U	20.0 U	R
Filtered Metals							
Iron	UG/L	300	50.0 U	1,300	189	NA	50.0 U
Miscellaneous Parameters							
Alkalinity, Total (as CaCO ₃)	MG/L	-	363	378	232	NA	317
Chloride	MG/L	250	918	726	873	NA	866
Total Cyanide	UG/L	200	10 U	15.0 J	10 U	10 U	25.2 J
Ferrous Iron	MG/L	-	NA	1.81	0.13	NA	NA
pH	S.U.	6.5-8.5	7.49	7.39	8.63	8.30	NA

*Criteria- NYSDEC TOGS (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations, April 2000, Class GA.

Flags assigned during chemistry validation are shown.

 Concentration Exceeds Criteria

J - The reported concentration is an estimated value.

U - Result reported from a secondary dilution analysis.

D - Not detected above the reported quantitation limit.

NA - Not Analyzed

Only Detected Results Reported.

Detection Limits shown are PQL

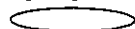
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TABLE 4-13
SUMMARY OF DETECTED RI GROUNDWATER ANALYTICAL RESULTS
DEEP BEDROCK WELLS
NYSEG - FORMER TRANSIT STREET MGP SITE, LOCKPORT, NEW YORK

Location ID			BMW-04-03	BMW-04-09	BMW-04-10	BMW-04-13	MW-02
Sample ID			BMW-03-GW	BMW-09-GW	BMW-10-GW	BMW-13-GW	FD-6-15-05
Matrix			Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)			13.0-75.0	20.5-79.5	45.0-65.0	35.5-60.5	8.0-55.0
Date Sampled			06/23/05	06/27/05	06/22/05	06/21/05	06/15/05
Parameter	Units	Criteria*					Field Duplicate (1-1)
Miscellaneous Parameters							
Phenolics, Total Recoverable	MG/L	0.001	0.010 UJ	0.15	0.010 UJ	0.010 UJ	0.010 U
Sulfate (as SO ₄)	MG/L	250	312	312	430	NA	223
Sulfide	MG/L	0.05	5.8 J	0.21 J	0.21 J	NA	3.4
Temperature	DEG C	-	14.73	13.26	15.50	14.85	NA
Total Dissolved Solids	MG/L	500	2,030	1,670	1,790	NA	1,600
Specific Conductance	MS/CM	-	3.60	2.99	3.40	3.52	NA
Turbidity	NTU	-	1	1	10	273	NA

*Criteria- NYSDEC TOGS (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations, April 2000, Class GA.

Flags assigned during chemistry validation are shown.

 Concentration Exceeds Criteria

J - The reported concentration is an estimated value.

D - Result reported from a secondary dilution analysis.

U - Not detected above the reported quantitation limit.

NA - Not Analyzed

Only Detected Results Reported.

Detection Limits shown are PQL

{ [LOCID] = 'BMW-04-03' OR [LOCID] = 'BMW-04-09' OR [LOCID] = 'BMW-04-10' OR [LOCID] = 'BMW-04-13' OR [LOCID] = 'MW-02' } AND [MATRIX] = 'WG' AND ([LOGDATE] BETWEEN #6/1/05 AND #6/20/05)

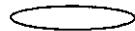
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TABLE 4-13
SUMMARY OF DETECTED RI GROUNDWATER ANALYTICAL RESULTS
DEEP BEDROCK WELLS
NYSEG - FORMER TRANSIT STREET MGP SITE, LOCKPORT, NEW YORK

Location ID			MW-02
Sample ID			MW-2-GW
Matrix			Groundwater
Depth Interval (ft)			8.0-55.0
Date Sampled			06/15/05
Parameter	Units	Criteria*	
Volatile Organic Compounds			
1,1-Dichloroethane	UG/L	5	5.0 U
1,2-Dichloroethene (cis)	UG/L	5	5.0 U
Benzene	UG/L	1	170
Carbon disulfide	UG/L	60	5.0 U
Cyclohexane	UG/L	50	70
Ethylbenzene	UG/L	5	310 D
Isopropylbenzene (Cumene)	UG/L	5	44
Methyl tert-butyl ether	UG/L	10	5.0 U
Methylcyclohexane	UG/L	50	57
Styrene	UG/L	5	5.0 U
Toluene	UG/L	5	27
Trichloroethene	UG/L	5	5.0 U
Vinyl chloride	UG/L	2	5.0 U
Xylene (total)	UG/L	5	280
Total BTEX	UG/L	-	787
Total Volatile Organic Compounds	UG/L	-	958
Semivolatile Organic Compounds			
1,1-Biphenyl	UG/L	5	32
2,4-Dimethylphenol	UG/L	50	10 U
2-Methylnaphthalene	UG/L	50	6 J
2-Methylphenol (o-cresol)	UG/L	1	10 U
4-Methylphenol (p-cresol)	UG/L	1	10 U

*Criteria- NYSDEC TOGS (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations. April 2000, Class GA.

Flags assigned during chemistry validation are shown.



Concentration Exceeds Criteria

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Only Detected Results Reported.

Detection Limits shown are PQL

([LOCID] = 'BMW-04-03' OR [LOCID] = 'BMW-04-09' OR [LOCID] = 'BMW-04-10' OR [LOCID] = 'BMW-04-13' OR [LOCID] = 'MW-02') AND [MATRIX] = 'WG' AND [LOGDATE] BETWEEN 06/1/00 AND 05/31/05

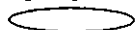
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TABLE 4-13
SUMMARY OF DETECTED RI GROUNDWATER ANALYTICAL RESULTS
DEEP BEDROCK WELLS
NYSEG - FORMER TRANSIT STREET MGP SITE, LOCKPORT, NEW YORK

Location ID			MW-02
Sample ID			MW-2-GW
Matrix			Groundwater
Depth Interval (ft)			8.0-55.0
Date Sampled			06/15/05
Parameter	Units	Criteria*	
Semivolatile Organic Compounds			
Acenaphthene	UG/L	20	140
Acenaphthylene	UG/L	50	14
Anthracene	UG/L	50	27
Benzo(a)anthracene	UG/L	0.002	7 J
Benzo(a)pyrene	UG/L	ND	5 J
Benzo(b)fluoranthene	UG/L	0.002	3 J
Benzo(g,h,i)perylene	UG/L	50	2 J
Carbazole	UG/L	50	8 J
Chrysene	UG/L	0.002	6 J
Dibenzofuran	UG/L	50	22
Fluoranthene	UG/L	50	20
Fluorene	UG/L	50	74
Naphthalene	UG/L	10	150
Phenanthrene	UG/L	50	100
Phenol	UG/L	1	10 U
Pyrene	UG/L	50	23
Total Carcinogenic PAHs	UG/L	-	21
Total Non-Carcinogenic PAHs	UG/L	-	556
Total Polycyclic Aromatic Hydrocarbons	UG/L	-	577
Total Semivolatile Organic Compounds	UG/L	-	639
Metals			
Aluminum	UG/L	-	122,000 J

*Criteria- NYSDEC TOGS (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations. April 2000, Class GA.

Flags assigned during chemistry validation are shown.



Concentration Exceeds Criteria

J - The reported concentration is an estimated value.

D - Result reported from a secondary dilution analysis.

U - Not detected above the reported quantitation limit.

NA - Not Analyzed

Only Detected Results Reported.

Detection Limits shown are PQL

{ [LOCID] = 'BMW-04-03' OR [LOCID] = 'BMW-04-09' OR [LOCID] = 'BMW-04-10' OR [LOCID] = 'BMW-04-13' OR [LOCID] = 'MW-02' } AND [MATRIX] = 'WG' AND [LOGDATE] BETWEEN #6/1/00 AND #6/30/05

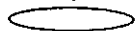
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TABLE 4-13
SUMMARY OF DETECTED RI GROUNDWATER ANALYTICAL RESULTS
DEEP BEDROCK WELLS
NYSEG - FORMER TRANSIT STREET MGP SITE, LOCKPORT, NEW YORK

Location ID			MW-02
Sample ID			MW-2-GW
Matrix			Groundwater
Depth Interval (ft)			8.0-55.0
Date Sampled			06/15/05
Parameter	Units	Criteria*	
Metals			
Barium	UG/L	1000	76.7
Cadmium	UG/L	5	1.8
Calcium	UG/L	-	117,000
Chromium	UG/L	50	93.3 J
Copper	UG/L	200	54.1 J
Iron	UG/L	300	3,320 J
Lead	UG/L	25	94.5 J
Magnesium	UG/L	35000	31,500 J
Manganese	UG/L	300	248 J
Nickel	UG/L	100	135 J
Potassium	UG/L	-	13,700
Sodium	UG/L	20000	408,000
Vanadium	UG/L	-	5.2
Zinc	UG/L	2000	5,220 J
Filtered Metals			
Iron	UG/L	300	50.0 U
Miscellaneous Parameters			
Alkalinity, Total (as CaCO ₃)	MG/L	-	338
Chloride	MG/L	250	821
Total Cyanide	UG/L	200	15.2 J
Ferrous Iron	MG/L	-	0 U
pH	S.U.	6.5-8.5	8.60

*Criteria- NYSDEC TOGS (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations, April 2000, Class GA.

Flags assigned during chemistry validation are shown.

 Concentration Exceeds Criteria

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D - Result reported from a secondary dilution analysis.

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Only Detected Results Reported.

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([LOCID] = 'BMW-04-03' OR [LOCID] = 'BMW-04-09' OR [LOCID] = 'BMW-04-10' OR [LOCID] = 'BMW-04-13' OR [LOCID] = 'MW-02') AND [MATRIX] = 'WG' AND [LOGDATE] BETWEEN '6/13/05' AND '6/20/05'

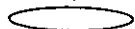
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TABLE 4-13
SUMMARY OF DETECTED RI GROUNDWATER ANALYTICAL RESULTS
DEEP BEDROCK WELLS
NYSEG - FORMER TRANSIT STREET MGP SITE, LOCKPORT, NEW YORK

Location ID			MW-02
Sample ID			MW-2-GW
Matrix			Groundwater
Depth Interval (ft)			8.0-55.0
Date Sampled			06/15/05
Parameter	Units	Criteria*	
Miscellaneous Parameters			
Phenolics, Total Recoverable	MG/L	0.001	0.010 U
Sulfate (as SO ₄)	MG/L	250	191
Sulfide	MG/L	0.05	3.6
Temperature	DEG C	-	12.31
Total Dissolved Solids	MG/L	500	1,590
Specific Conductance	MS/CM	-	2.99
Turbidity	NTU	-	38

*Criteria- NYSDEC TOGS (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations. April 2000, Class GA.

Flags assigned during chemistry validation are shown.

 Concentration Exceeds Criteria

J - The reported concentration is an estimated value.

D - Result reported from a secondary dilution analysis.

U - Not detected above the reported quantitation limit.

NA - Not Analyzed

Only Detected Results Reported.

Detection Limits shown are PQL

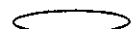
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 AND 06/20/05

TABLE 4-14
STATISTICAL SUMMARY OF RI GROUNDWATER ANALYTICAL RESULTS
DEEP BEDROCK WELLS
NYSEG - FORMER TRANSIT STREET MGP SITE

Parameter	Units	Criteria*	No. of Samples	No. of Detections	Range of Detections					No. Exceed	Dist	Location of Max Value	Depth Of Max
					Min	Max	Avg	StdDev	UCL95				
Volatile Organic Compounds													
1,1-Dichloroethane	UG/L	5	5	1	2.70	2.70	2.70	-	-	0	Normal	BMW-04-10	45-65
1,2-Dichloroethene (cis)	UG/L	5	5	2	2.10	3.00	2.55	0.636	3.43	0	Normal	BMW-04-10	45-65
Benzene	UG/L	1	5	5	1.10	720.0	203.1	297.6	464.0	5	Non-Normal	BMW-04-09	20.5-79.5
Carbon disulfide	UG/L	60	5	1	0.550	0.550	0.550	-	-	0	Non-Normal	BMW-04-10	45-65
Cyclohexane	UG/L	50	5	1	57.50	57.50	57.50	-	-	1	Non-Normal	MW-02	8-55
Ethylbenzene	UG/L	5	5	4	1.40	310.0	195.4	141.4	333.9	3	Normal	BMW-04-09	8-55
Isopropylbenzene (Cumene)	UG/L	5	5	3	9.50	37.00	21.83	13.97	37.64	3	Non-Normal	MW-02	8-55
Methyl tert-butyl ether	UG/L	10	5	1	52.00	52.00	52.00	-	-	1	Non-Normal	BMW-04-09	20.5-79.5
Methylcyclohexane	UG/L	50	5	1	44.00	44.00	44.00	-	-	1	Non-Normal	MW-02	8-55
Styrene	UG/L	5	5	1	130.0	130.0	130.0	-	-	1	Non-Normal	BMW-04-09	20.5-79.5
Toluene	UG/L	5	5	5	1.30	680.0	144.1	299.8	406.9	3	Non-Normal	BMW-04-09	20.5-79.5
Trichloroethene	UG/L	5	5	2	0.940	2.30	1.62	0.962	2.95	0	Normal	BMW-04-13	35.5-60.5
Vinyl chloride	UG/L	2	5	1	6.50	6.50	6.50	-	-	1	Normal	BMW-04-10	45-65
Xylene (total)	UG/L	5	5	4	2.90	650.0	242.5	290.1	526.8	3	Non-Normal	BMW-04-09	20.5-79.5
Semivolatile Organic Compounds													
1,1-Biphenyl	UG/L	5	5	4	8.00	32.00	23.50	10.63	33.92	4	Normal	MW-02	8-55
2,4-Dimethylphenol	UG/L	50	5	1	41.00	41.00	41.00	-	-	0	Non-Normal	BMW-04-09	20.5-79.5

*Criteria- NYSDEC TOGS (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations, April 2000, Class GA.

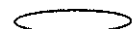
 Concentration Exceeds Criteria

Only Detected Results Reported.

TABLE 4-14
STATISTICAL SUMMARY OF RI GROUNDWATER ANALYTICAL RESULTS
DEEP BEDROCK WELLS
NYSEG - FORMER TRANSIT STREET MGP SITE

Parameter	Units	Criteria*	No. of Samples	No. of Detections	Range of Detections					No. Exceed	Dist	Location of Max Value	Depth Of Max
					Min	Max	Avg	StdDev	UCL95				
Semivolatile Organic Compounds													
2-Methylnaphthalene	UG/L	50	5	4	6.00	270.0	132.8	119.4	249.8	3	Normal	BMW-04-10	45-65
2-Methylphenol (o-cresol)	UG/L	1	5	1	33.00	33.00	33.00	-	-	1	Non-Normal	BMW-04-09	20.5-79.5
4-Methylphenol (p-cresol)	UG/L	1	5	1	18.00	18.00	18.00	-	-	1	Non-Normal	BMW-04-09	20.5-79.5
Acenaphthene	UG/L	20	5	4	29.00	140.0	94.75	47.01	140.8	4	Normal	MW-02	8-55
Acenaphthylene	UG/L	50	5	4	13.00	37.00	21.25	10.90	31.94	0	Non-Normal	BMW-04-09	20.5-79.5
Anthracene	UG/L	50	5	3	5.00	25.50	15.83	10.30	27.49	0	Non-Normal	MW-02	8-55
Benzo(a)anthracene	UG/L	0.002	5	1	7.00	7.00	7.00	-	-	1	Non-Normal	MW-02	8-55
Benzo(a)pyrene	UG/L	0	5	1	4.50	4.50	4.50	-	-	1	Non-Normal	MW-02	8-55
Benzo(b)fluoranthene	UG/L	0.002	5	1	3.00	3.00	3.00	-	-	1	Non-Normal	MW-02	8-55
Benzo(g,h,i)perylene	UG/L	50	5	1	2.00	2.00	2.00	-	-	0	Non-Normal	MW-02	8-55
Carbazole	UG/L	50	5	2	8.50	13.00	10.75	3.18	15.16	0	Non-Normal	BMW-04-09	20.5-79.5
Chrysene	UG/L	0.002	5	1	6.00	6.00	6.00	-	-	1	Non-Normal	MW-02	8-55
Dibenzofuran	UG/L	50	5	4	8.00	21.50	12.13	6.30	18.30	0	Non-Normal	MW-02	8-55
Fluoranthene	UG/L	50	5	4	2.00	19.00	7.50	8.02	15.36	0	Non-Normal	MW-02	8-55
Fluorene	UG/L	50	5	4	8.00	73.00	38.50	26.64	64.61	1	Normal	MW-02	8-55
Naphthalene	UG/L	10	5	4	15.00	1,300	401.3	602.3	991.5	4	Non-Normal	BMW-04-09	20.5-79.5
Phenanthrene	UG/L	50	5	4	6.00	98.50	50.38	40.43	90.00	2	Normal	MW-02	8-55

*Criteria- NYSDEC TOGS (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations, April 2000, Class GA.

 Concentration Exceeds Criteria

Only Detected Results Reported.

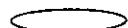
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WHERE ([LOCID] = 'BMW-04-03' OR [LOCID] = 'BMW-04-09' OR [LOCID] = 'BMW-04-10' OR [LOCID] = 'BMW-04-13' OR [LOCID] = 'MW-02') AND ([MATRIX] = 'WG' AND ([LOGDATE] BETWEEN 8/15/04 AND 8/23/04)

TABLE 4-14
STATISTICAL SUMMARY OF RI GROUNDWATER ANALYTICAL RESULTS
DEEP BEDROCK WELLS
NYSEG - FORMER TRANSIT STREET MGP SITE

Parameter	Units	Criteria*	No. of Samples	No. of Detections	Range of Detections					No. Exceed	Dist	Location of Max Value	Depth Of Max
					Min	Max	Avg	StdDev	UCL95				
Semivolatile Organic Compounds													
Phenol	UG/L	1	5	1	2.00	2.00	2.00	-	-	1	Non-Normal	BMW-04-09	20.5-79.5
Pyrene	UG/L	50	5	4	2.00	21.50	8.13	9.22	17.16	0	Non-Normal	MW-02	8-55
Metals													
Aluminum	UG/L	-	5	1	1.22E+05	1.22E+05	1.22E+05	-	-	0	Non-Normal	MW-02	8-55
Barium	UG/L	1000	5	4	27.00	133.0	78.44	43.36	120.9	0	Normal	BMW-04-09	20.5-79.5
Cadmium	UG/L	5	5	1	1.15	1.15	1.15	-	-	0	Non-Normal	MW-02	8-55
Calcium	UG/L	-	5	5	3.65E+04	1.87E+05	1.33E+05	6.02E+04	1.86E+05	0	Non-Normal	BMW-04-09	20.5-79.5
Chromium	UG/L	50	5	1	93.30	93.30	93.30	-	-	1	Non-Normal	MW-02	8-55
Copper	UG/L	200	5	1	54.10	54.10	54.10	-	-	0	Non-Normal	MW-02	8-55
Iron	UG/L	300	5	5	278.0	3.02E+04	7,441	1.21E+04	9,699	4	Non-Normal	BMW-04-13	35.5-60.5
Lead	UG/L	25	5	1	50.40	50.40	50.40	-	-	1	Non-Normal	MW-02	8-55
Magnesium	UG/L	35000	5	5	1.47E+04	5.12E+04	3.90E+04	1.59E+04	5.29E+04	3	Non-Normal	BMW-04-13	35.5-60.5
Manganese	UG/L	300	5	5	32.70	402.0	193.1	145.8	320.9	1	Normal	BMW-04-09	20.5-79.5
Nickel	UG/L	100	5	2	34.00	135.0	84.50	71.42	183.5	1	Non-Normal	MW-02	8-55
Potassium	UG/L	-	5	5	1.30E+04	2.10E+04	1.60E+04	3,367	1.90E+04	0	Normal	BMW-04-13	35.5-60.5
Sodium	UG/L	20000	5	5	2.88E+05	5.48E+05	4.27E+05	9.43E+04	5.09E+05	5	Normal	BMW-04-10	45-65
Vanadium	UG/L	-	5	1	3.85	3.85	3.85	-	-	0	Non-Normal	MW-02	8-55

*Criteria- NYSDEC TOGS (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations. April 2000, Class GA.

 Concentration Exceeds Criteria

Only Detected Results Reported.

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TABLE 4-14
STATISTICAL SUMMARY OF RI GROUNDWATER ANALYTICAL RESULTS
DEEP BEDROCK WELLS
NYSEG - FORMER TRANSIT STREET MGP SITE

Parameter	Units	Criteria*	No. of Samples	No. of Detections	Range of Detections					No. Exceed	Dist	Location of Max Value	Depth Of Max
					Min	Max	Avg	StdDev	UCL95				
Metals													
Zinc	UG/L	2000	5	1	5,220	5,220	5,220	-	-	1	Non-Normal	MW-02	8-55
Filtered Metals													
Iron	UG/L	300	4	2	189.0	1,300	744.5	1.21E+04	9,699	1	Non-Normal	BMW-04-09	20.5-79.5
Miscellaneous Parameters													
Alkalinity, Total (as CaCO ₃)	MG/L	-	4	4	232.0	378.0	325.1	65.60	389.4	0	Non-Normal	BMW-04-09	20.5-79.5
Chloride	MG/L	250	4	4	726.0	918.0	840.1	82.02	920.5	4	Normal	BMW-04-03	13-75
Total Cyanide	UG/L	200	5	2	15.00	20.20	17.60	3.68	22.70	0	Normal	MW-02	8-55
Ferrous Iron	MG/L	-	3	2	0.130	1.81	0.970	1.19	2.62	0	Non-Normal	BMW-04-09	20.5-79.5
pH	S.U.	8.5	5	5	7.39	8.63	8.08	0.601	8.61	2	Normal	BMW-04-10	45-65
Phenolics, Total Recoverable	MG/L	0.001	5	1	0.150	0.150	0.150	-	-	1	Non-Normal	BMW-04-09	20.5-79.5
Sulfate (as SO ₄)	MG/L	250	4	4	207.0	430.0	315.3	91.12	404.5	3	Normal	BMW-04-10	45-65
Sulfide	MG/L	0.05	4	4	0.210	5.80	2.43	2.73	5.11	4	Normal	BMW-04-03	13-75
Temperature	DEG C	-	5	5	12.31	15.50	14.13	1.31	15.27	0	Normal	BMW-04-10	45-65
Total Dissolved Solids	MG/L	500	4	4	1,595	2,030	1,771	190.3	1,958	4	Non-Normal	BMW-04-03	13-75
Specific Conductance	MS/CM	-	5	5	2.99	3.60	3.30	0.292	3.56	0	Normal	BMW-04-03	13-75
Oxidation Reduction Potential	MILLIVOLTS	-	5	5	-3.94E+02	-2.36E+02	-3.27E+02	78.77	-2.58E+02	0	Normal	BMW-04-09	20.5-79.5
Turbidity	NTU	-	5	5	1.00	273.0	64.60	117.5	167.6	0	Non-Normal	BMW-04-13	35.5-60.5

*Criteria- NYSDEC TOGS (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations, April 2000, Class GA.

 Concentration Exceeds Criteria

Only Detected Results Reported.

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Table 4-15
Qualitative MGP Product Observations in Overburden Soil Borings,
Monitoring Wells and Test Pits at NYSEG Transit Street Former MGP Site, Lockport, NY

Boring / Well / Pit #	Boring / Well Depth (ft)	MGP Product Observations				Comments
		0-4'	4-8'	8-12'	>12'	
Auger Borings: 1983						
AB-1	9.5	Coal tar	Coal tar	Coal tar		Top of bedrock at 9.5'
AB-2	6.0					Refusal at 6.0'
AB-3	9.0			Coal tar, odor		Top of bedrock at 9.0'
AB-4	4.0	Coal tar coating on gravel, odor				Refusal at 4.0'
AB-5	6.0					Refusal at 6.0'
AB-6	15.0				Coal tar saturated ashes & fill	Refusal at 15.0'
Shallow Soil Borings: 5/1992						
SB-01	2.5	Coal tar saturation				
SB-02	2.5					
SB-03	2.5					
SB-04	2.5					
SB-05	2.5					
SB-06	2.5					
SB-07	11.0					
SB-08	6.0	Coal tar saturation	Coal tar saturation			
SB-09	1.0					
SB-10	1.0					
SB-11	1.0					
SB-12	1.0					
SB-13	1.0					
SB-14	1.0					
SB-15	1.0					
SB-16	14.0					
SB-17	6.0		Coal tar saturation			
SB-18	6.0					
SB-19	6.0					

Table 4-15
Qualitative MGP Product Observations in Overburden Soil Borings,
Monitoring Wells and Test Pits at NYSEG Transit Street Former MGP Site, Lockport, NY

Boring / Well / Pit #	Boring / Well Depth (ft)	MGP Product Observations				Comments
		0-4'	4-8'	8-12'	>12'	
SB-20	0.5					
SB-21	3.0					
SB-22	2.5					
SB-23	3.0	Coal tar saturation/ Odor				
SB-24	1.5	Odor				
SB-25	0.5					
SB-26	5.0					
SB-27	5.5		Coal tar odor/ sheen			
SB-28	9.0					
SB-29	9.0		Slight odor			
SB-30	6.0					
SB-31	6.0		Tar globules/ odor			
SB-32	6.0		Coal tar saturation/ odor			
SB-33	1.5					
SB-34	4.0	Coal tar saturation				
SB-35	4.0	Coal tar saturation				
SB-36	6.0		Coal tar saturation			
SB-37	11.0					
SB-38	7.0		Coal tar odor			
SB-39	1.5					
SB-40	1.0					
SB-41	2.0					
SB-42	1.0					
SB-43	5.0					
SB-44	9.0		Slight odor	Slight odor		

Table 4-15
Qualitative MGP Product Observations in Overburden Soil Borings,
Monitoring Wells and Test Pits at NYSEG Transit Street Former MGP Site, Lockport, NY

Boring / Well / Pit #	Boring / Well Depth (ft)	MGP Product Observations				
		0-4'	4-8'	8-12'	>12'	Comments
Soil Borings: 5/2005-6/2005						
GB-01	9.4					
GB-02	10.0					
GB-03	11.0					
GB-04	7.2		Wood Chips, Coal Tar Stains			
GB-05	10.0		Wood Chips, Coal Tar Blebs	Coal Tar Blebs		
GB-06	10.5			Slight Odor		
GB-07	13.5		MGP Odor, Tar Blebs	Trace Tar		
GB-08	16.0			Coal Tar Blebs	Coal Tar Blebs	
GB-09	13.8		Coal Tar Blebs, Sheen	Coal Tar Blebs, Sheen	Coal Tar Blebs, Sheen	
GB-10	13.6		Wood Chips	MGP Odor		
GB-11	17.0					
GB-12	18.5	Slight MGP Odor, Sheen				
GB-13	18.8		Tar Stains			
GB-14	17.5			Tar Blebs, Odor, Sheen		
GB-15	19.0	MGP Odor, Sheen				
GB-16	17.0	MGP Odor, Sheen	MGP Odor, Sheen	MGP Odor, Sheen	MGP Odor, Sheen	
GB-17	8.2		Gasoline Odor	Gasoline Odor		
GB-18	7.0		Petroleum Odor			
GB-19	8.0		Coal Tar Blebs			
GB-20	8.5					
GB-21	8.0		Coal Tar Blebs			
GB-22	8.5		Petroleum Odor			
GB-23	8.4		MGP Odor, Wood Chips	Coal Tar Blebs		
GB-24	9.8		Moderate Petroleum Odor	Strong Petroleum Odor		
GB-25	9.0			Moderate MGP Odor		
GB-26	11.0			MGP odor, stains, coal tar in gravel		
GB-27	12.0		Wood Chips, MGP Odor	MGP Odor		

Table 4-15
Qualitative MGP Product Observations in Overburden Soil Borings,
Monitoring Wells and Test Pits at NYSEG Transit Street Former MGP Site, Lockport, NY

Boring / Well / Pit #	Boring / Well Depth (ft)	MGP Product Observations				Comments
		0-4'	4-8'	8-12'	>12'	
GB-40	10.8					
GB-41	10.6					
GB-42	10.5		Coal Tar Blebs	Coal Tar Blebs		
GB-43	12.5		Wood Chips, MGP Odor, Sheen	MGP Odor, sheen		
Test Trenches: 10/1983						
TT-01	7.0	Coal Tar Odor	Coal Tar Odor			
TT-02	6.0	Black Coal Tar	Black Coal Tar			
TT-03	2.5	Coal Tar Odor				
TT-04	7.0		Coal Tar Odor			
TT-05	12.0		Coal Tar Odor			
Monitoring Wells: 1982-1983						
MW-3	60.0		Coal tar odor	Coal tar coating, odor		Top of bedrock at 12.5'
MW-6	50.0	Oil slick, odor				Top of bedrock at 14.8'
MW-7	55.0	Coal tar odor	Coal tar odor	Coal tar odor		Top of bedrock at 10.7'
MW-10	50.0			Coal tar odor		Top of bedrock at 12.0'
MW-17	35.0	Petroleum odor	Petroleum odor			Top of bedrock at 8.0'
IW-1	11.6					Top of bedrock at 7.9'
IW-2	21.0					Top of bedrock at 18.0'
Monitoring Wells: 2005						
BMW-04-01						Top of bedrock at 20.0'
BMW-04-02	59.7		Strong gasoline odor			Top of bedrock at 8.0'
BMW-04-03						Top of bedrock at 8.0'
BMW-04-08						Top of bedrock at 15.5'
BMW-04-09						Top of bedrock at 15.0'
MW-02						Top of bedrock at 3.0'
MW-04						Top of bedrock at 40.0'
MW-06	35.5	Slight MGP odor, staining	Tar product, odor, staining, sheen			Top of bedrock at 19.5'
MW-09						Top of bedrock at 21.0'
MW-10	34.5		Predominant sheen, MGP odor			Top of bedrock at 12.0'
MW-14						Top of bedrock at 35.0'
MW-15						Top of bedrock at 5.5'
SMW-11	10.0		MGP odor, stains, sheen, blebs	Coal tar blebs, odor		

Table 4-16
Qualitative MGP Product Observations in Bedrock Monitoring Wells
at NYSEG Transit Street Former MGP Site, Lockport, NY

Well #	Well Depth (ft)	MGP Product Observations				
		Top of bedrock-20'	20-40'	40-60'	>60'	Comments
Monitoring Wells: 1982-1983						
B-1	50.0		Petroleum odor on fractures (natural)	Petroleum odor on fractures (natural)		Top of bedrock at 22.3'
B-2	38.8		Petroleum odor on fractures (natural)			Top of bedrock at 8.2'
B-3	41.8		Oil coating on core			Top of bedrock at 19.7'
B-3-1	51.5	Coal tar odor	Coal tar odor	Tar in fractures, sheen, odor		Top of bedrock at 16.3'
B-3-2	50.0		Coal tar odor, sheen	Tar on fresh breaks, odor		Top of bedrock at 10.0'
MW-1	48.0		Core covered in oil, odor	Core covered in oil, odor		Top of bedrock at 7.9'
MW-2	50.7		Tar in fractures, odor	Oily coating, petroleum odor		Top of bedrock at 17.0'
MW-3	60.0		Core covered in oil, odor	Core covered in oil, odor		Top of bedrock at 12.5'
MW-4	82.2			Petroleum odor on fractures (natural)	Petroleum odor on fractures (natural)	Top of bedrock at 39.4'
MW-5	50.0		Petroleum odor	Coal tar coating, odor		Top of bedrock at 10.6'
MW-6	50.0		Coal tar odor	Coal tar coating, odor		Top of bedrock at 14.8'
MW-7	55.0	Coal tar odor				Top of bedrock at 10.7'
MW-8	30.0	Coal tar odor, oil slicks	Coal tar odor, oil slicks			Top of bedrock at 4.3'
MW-9	50.0					Top of bedrock at 16.8'
MW-10	50.0	Coal tar odor	Tar coating, sheen, odor	Tar coating, sheen, odor		Top of bedrock at 12.0'
MW-11	30.0		Coal tar odor			Top of bedrock at 9.5'
MW-12	53.5		Coal tar odor	Tar blebs, oil slicks, odor		Top of bedrock at 9.6'
MW-13	50.0			Coal Tar odor, oil		Top of bedrock at 8.4'
MW-14	70.0					Top of bedrock at 31.5'
MW-15	50.0	Coal tar odor, sheen	Coal tar odor, sheen	Coal tar odor		Top of bedrock at 5.3'
MW-16	30.0		Coal tar odor			Top of bedrock at 1.2'
MW-17	35.0		Coal tar odor			Top of bedrock at 8.0'
MW-18	50.0					Top of bedrock at 12.5'
MW-19	45.0					Top of bedrock at 9.0'
IW-1	11.6					Top of bedrock at 7.9'
IW-2	21.0					Top of bedrock at 18.0'

Table 4-16
Qualitative MGP Product Observations in Bedrock Monitoring Wells
at NYSEG Transit Street Former MGP Site, Lockport, NY

Well #	Well Depth (ft)	MGP Product Observations				
		Top of bedrock-20'	20-40'	40-60'	>60'	Comments
Monitoring Wells: 2005						
BMW-04-01	70.0			MGP odor, sheen		Top of bedrock at 20.0'
BMW-04-02	59.7			MGP odor, coal tar in fractures		Top of bedrock at 8.0'
BMW-04-03	75.0		MGP odor, coal tar in fractures	MGP odor	MGP odor, coal tar in fractures	Top of bedrock at 8.0'
BMW-04-08	45.8		Slight MGP odor			Top of bedrock at 15.5'
BMW-04-09	79.5			Tar blebs, odor, tar in fractures	Coal tar in fractures	Top of bedrock at 15.0'
BMW-04-10	65.0					
BMW-04-11	60.0			MGP odor, sheen, coal tar		
BMW-04-12	59.0			Coal tar, sheen		
BMW-04-13	60.5					
BMW-04-14	66.5			Slight MGP odor, sheen		
MW-02	55.0	Fuel odor, sheen, LNAPL blebs	MGP odor, sheen, coal tar, blebs	MGP odor, coal tar in fractures		Top of bedrock at 3.0'
MW-04	85.5					Top of bedrock at 40.0'
MW-06	35.5		Tar blebs, MGP odor			Top of bedrock at 19.5'
MW-09	65.0			Odor, sheen, tar in fractures		Top of bedrock at 21.0'
MW-10	34.5	Coal tar impacted bedrock surface	Coal tar blebs, odor, sheen			Top of bedrock at 12.0'
MW-14	80.0				Slight MGP odor on core	Top of bedrock at 35.0'
MW-15	50.0	possible MGP/petroleum odor				Top of bedrock at 5.5'

TABLE 4-17
SUMMARY OF DNAPL RECOVERY ACTIVITIES
NYSEG - TRANSIT STREET FORMER MGP SITE
LOCKPORT, NEW YORK

Well No.	Date	DNAPL Thickness (Feet)	Removed on This Date (liters)	Total Removed to Date (liters)	Comments
MW-01	1/6/2006	Trace	0.00	0.00	No recoverable NAPL
MW-02	5/16/2005	NM	1.90	1.90	Removed during development activities, mixed with water.
	7/19/2005	Trace	0.00	1.90	Removed with a peristaltic pump.
	1/6/2006	Trace	0.00	1.90	No recoverable NAPL
MW-03	5/4/2005	NM	1.90	1.90	Removed during development activities, mixed with water.
	6/27/2005	NM	0.50	2.40	Removed with a peristaltic pump following groundwater sample collection.
	7/19/2005	0.10	1.00	3.40	Removed with a peristaltic pump.
	1/6/2006	Trace	0.00	3.40	No recoverable NAPL
MW-06	5/13/2005	NM	0.12	0.12	Removed during development activities, mixed with water.
	7/19/2005	Trace	0.00	0.12	Removed with a peristaltic pump.
	1/6/2006	No NAPL	0.00	0.12	No NAPL Detected.
MW-08	4/20/2005	NM	0.00	0.00	Trace DNAPL removed during development activities
	7/19/2005	Trace	0.10	0.10	Removed with a peristaltic pump.
	1/6/2006	Trace	0.00	0.10	No recoverable NAPL
MW-10	5/12/2005	NM	0.12	0.12	Removed during development activities, mixed with water.
	7/19/2005	0.05	0.50	0.62	Removed with a peristaltic pump.
	1/6/2006	Trace	0.00	0.62	No recoverable NAPL
BMW-04-11	3/30/2005	NM	3.80	3.80	Hand bailed.
	4/4/2005	NM	0.25	4.05	Removed during collection of DNAPL sample.
	5/17/2005	NM	5.70	9.75	Removed during development activities, mixed with water.
	6/14/2005	NM	0.50	10.25	Removed during collection of DNAPL sample.
	7/19/2005	Trace	0.50	10.75	Removed with a peristaltic pump.
	1/6/2006	~1.5	0.00	10.75	NAPL check only.
	1/10/2006	~1.5	2.84	13.59	Removed with a peristaltic pump.
BMW-04-12	5/13/2005	NM	0.03	0.03	Removed during development activities, mixed with water.
	1/6/2006	0.3	0.00	0.03	No recoverable NAPL

TABLE 4-18
SUMMARY OF DETECTED RI NAPL ANALYTICAL RESULTS - INTERMEDIATE BEDROCK
NYSEG - FORMER TRANSIT STREET MGP SITE
LOCKPORT, NEW YORK

Location ID		BMW-04-11	BMW-04-11
Sample ID		UR050405-01	MW-4-11-LH
Matrix		Dense NAPL	Dense NAPL
Depth Interval (ft)		-	-
Date Sampled		04/04/05	06/14/05
Parameter	Units		
Volatile Organic Compounds			
Benzene	UG/L	549,000 J	NA
Ethylbenzene	UG/L	419,000 J	NA
Toluene	UG/L	2,930,000 J	NA
Xylene (total)	UG/L	4,210,000 J	NA
Total BTEX	UG/L	8,108,000	NA
Total Volatile Organic Compounds	UG/L	8,108,000	NA
TCLP Volatile Organic Compounds			
Benzene	MG/L	460 J	NA
Miscellaneous Parameters			
Flash Point	DEG F	130	NA
pH	S.U.	8.9	NA
Sulfur, Percent	PERCENT	0.77 J	NA
Specific Gravity	NONE	1.1	NA
Kinematic Viscosity	cS	9.9 J	NA

Flags assigned during chemistry validation are shown.

J - The reported concentration is an estimated value.
D - Result reported from a secondary dilution analysis.
U - Not detected above the reported quantitation limit.
NA - Not Analyzed

Only Detected Results Reported.

Detection Limits shown are PQL

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[MATRIX] = 'DN' AND [LOCID] = 'BMW-04-11' AND [SACODE] = 'N'

TABLE 4-19
SUMMARY OF DETECTED RI NAPL ANALYTICAL RESULTS - DEEP BEDROCK
NYSEG - FORMER TRANSIT STREET MGP SITE
LOCKPORT, NEW YORK

Location ID		MW-02
Sample ID		MW-02-LH
Matrix		Liquid Waste
Depth Interval (ft)		-
Date Sampled		06/14/05
Parameter	Units	
Semivolatile Organic Compounds		
1,1-Biphenyl	UG/L	120
2-Methylnaphthalene	UG/L	46 J
Acenaphthene	UG/L	580
Acenaphthylene	UG/L	140
Anthracene	UG/L	490
Benzo(a)anthracene	UG/L	220
Benzo(a)pyrene	UG/L	140
Benzo(b)fluoranthene	UG/L	130
Benzo(g,h,i)perylene	UG/L	48 J
Benzo(k)fluoranthene	UG/L	140
Chrysene	UG/L	170
Dibenzofuran	UG/L	100
Fluoranthene	UG/L	450
Fluorene	UG/L	530
Naphthalene	UG/L	270
Phenanthrene	UG/L	1,500
Pyrene	UG/L	570
Total Carcinogenic PAHs	UG/L	800
Total Non-Carcinogenic PAHs	UG/L	4,624
Total Polycyclic Aromatic Hydrocarbons	UG/L	5,424
Total Semivolatile Organic Compounds	UG/L	5,644

Flags assigned during chemistry validation are shown.

J - The reported concentration is an estimated value.

D - Result reported from a secondary dilution analysis.

U - Not detected above the reported quantitation limit.

NA - Not Analyzed

Only Detected Results Reported.

Detection Limits shown are PQL

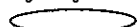
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TABLE 4-20
SUMMARY OF DETECTED RI SURFACE WATER ANALYTICAL RESULTS
NYSEG - FORMER TRANSIT STREET MGP SITE
LOCKPORT, NEW YORK

Location ID			SW-01	SW-02	SW-04	SW-06	SW-08
Sample ID			SW-01	SW-02	SW-04	SW-06	SW-08
Matrix			Surface Water	Surface Water	Surface Water	Surface Water	Surface Water
Depth Interval (ft)			-	-	-	-	-
Date Sampled			04/09/05	04/09/05	04/09/05	04/09/05	04/09/05
Parameter	Units	Criteria*					
Volatile Organic Compounds							
1,1,1-Trichloroethane	UG/L	-	1.0 U	0.29 J	1.0 U	1.0 U	1.0 U
1,2-Dichloroethene (cis)	UG/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Acetone	UG/L	-	5.0 U	2.7 J	5.0 U	5.0 U	3.5 J
Bromodichloromethane	UG/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloroform	UG/L	-	0.42 J	1.0 U	1.0 U	1.0 U	1.0 U
Dibromochloromethane	UG/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Tetrachloroethene	UG/L	1	1.0 U	1.0 U	0.25 J	1.0 U	1.0 U
Trichloroethene	UG/L	40	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Total Volatile Organic Compounds	UG/L	-	0.42	2.99	0.25	ND	3.5
Metals							
Aluminum	UG/L	-	200 U	817	397	200 U	889
Barium	UG/L	-	29.5	34.0	57.6	158	36.7
Calcium	UG/L	-	173,000	79,900	179,000	225,000	51,600
Chromium	UG/L	-	4.0 U	4.0 U	4.0 U	4.0 U	4.0 U
Copper	UG/L	-	10.0 U	10.0 U	10.0 U	12.5	10.0 U
Iron	UG/L	300	174	696	623	254	761
Lead	UG/L	-	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Magnesium	UG/L	-	49,000	21,200	44,000	55,800	13,300
Manganese	UG/L	-	40.7	54.1	34.1	18.6	54.0
Potassium	UG/L	-	7,860	3,970	7,020	29,400	2,860
Sodium	UG/L	-	63,300	59,900	165,000	564,000	49,300
Vanadium	UG/L	14	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U

*Criteria- NYSDEC TOGS (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations, April 2000, Class C, most stringent level of protection.

Flags assigned during chemistry validation are shown.

 Concentration Exceeds Criteria

J - The reported concentration is an estimated value.

D - Result reported from a secondary dilution analysis.

U - Not detected above the reported quantitation limit.

NA - Not Analyzed

Only Detected Results Reported.

Detection Limits shown are MDL

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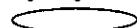
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TABLE 4-20
SUMMARY OF DETECTED RI SURFACE WATER ANALYTICAL RESULTS
NYSEG - FORMER TRANSIT STREET MGP SITE
LOCKPORT, NEW YORK

Location ID			SW-01	SW-02	SW-04	SW-06	SW-08
Sample ID			SW-01	SW-02	SW-04	SW-06	SW-08
Matrix			Surface Water	Surface Water	Surface Water	Surface Water	Surface Water
Depth Interval (ft)			-	-	-	-	-
Date Sampled			04/09/05	04/09/05	04/09/05	04/09/05	04/09/05
Parameter	Units	Criteria*					
Metals							
Zinc	UG/L	-	20.0 U	20.0 U	20.0 U	41.0	28.8
Miscellaneous Parameters							
Phenolics, Total Recoverable	MG/L	0.001	0.010 U	0.010 U	0.010 U	0.010 U	0.15

*Criteria- NYSDEC TOGS (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations. April 2000, Class C, most stringent level of protection.

Flags assigned during chemistry validation are shown.

 Concentration Exceeds Criteria

J - The reported concentration is an estimated value.

D - Result reported from a secondary dilution analysis.

U - Not detected above the reported quantitation limit.

NA - Not Analyzed

Only Detected Results Reported.

Detection Limits shown are MDL

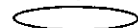
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TABLE 4-20
SUMMARY OF DETECTED RI SURFACE WATER ANALYTICAL RESULTS
NYSEG - FORMER TRANSIT STREET MGP SITE
LOCKPORT, NEW YORK

Location ID			SW-09	SW-11	SW-12	SW-14	SW-14
Sample ID			SW-09	SW-11	SW-12	SW-14	SW-DUP1
Matrix			Surface Water	Surface Water	Surface Water	Surface Water	Surface Water
Depth Interval (ft)			-	-	-	-	-
Date Sampled			04/09/05	04/09/05	04/09/05	04/09/05	04/09/05
Parameter	Units	Criteria*					Field Duplicate (1-1)
Volatile Organic Compounds							
1,1,1-Trichloroethane	UG/L	-	1.0 U	1.0 U	1.0 U	2.3	2.4
1,2-Dichloroethene (cis)	UG/L	-	1.0 U	1.0 U	1.0 U	4.7	4.9
Acetone	UG/L	-	5.0 U	28	5.0 U	5.0 U	5.0 U
Bromodichloromethane	UG/L	-	1.0 U	1.9	0.65 J	1.0 U	1.0 U
Chloroform	UG/L	-	1.0 U	2.2	1.1	1.0 U	1.0 U
Dibromochloromethane	UG/L	-	1.0 U	1.0	0.44 J	1.0 U	1.0 U
Tetrachloroethene	UG/L	1	1.0 U	0.28 J	1.0 U	1.0 U	1.0 U
Trichloroethene	UG/L	40	1.0 U	1.5	1.0 U	18	19
Total Volatile Organic Compounds	UG/L	-	ND	34.88	2.19	25	26.3
Metals							
Aluminum	UG/L	-	200 U	200 U	3,030	713	705
Barium	UG/L	-	88.0	36.4	43.2	32.8	32.5
Calcium	UG/L	-	165,000	58,100	46,600	61,100	60,700
Chromium	UG/L	-	4.0 U	6.5	4.1	4.0 U	4.0 U
Copper	UG/L	-	10.0 U	10.0 U	11.9	10.0 U	10.0 U
Iron	UG/L	300	80.5	104	3,370	661	647
Lead	UG/L	-	5.0 U	5.0 U	6.2	5.0 U	5.0 U
Magnesium	UG/L	-	37,400	14,500	12,700	16,100	16,100
Manganese	UG/L	-	24.6	22.0	83.4	43.3	43.4
Potassium	UG/L	-	8,510	3,460	3,250	3,740	3,740
Sodium	UG/L	-	241,000	65,200	37,100	64,000	64,300
Vanadium	UG/L	14	5.0 U	5.0 U	5.1	5.0 U	5.0 U

*Criteria- NYSDEC TOGS (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations. April 2000, Class C, most stringent level of protection.

Flags assigned during chemistry validation are shown.



Concentration Exceeds Criteria

J - The reported concentration is an estimated value.

D - Result reported from a secondary dilution analysis.

U - Not detected above the reported quantitation limit.

NA - Not Analyzed

Only Detected Results Reported.

Detection Limits shown are MDL

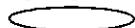
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TABLE 4-20
SUMMARY OF DETECTED RI SURFACE WATER ANALYTICAL RESULTS
NYSEG - FORMER TRANSIT STREET MGP SITE
LOCKPORT, NEW YORK

Location ID			SW-09	SW-11	SW-12	SW-14	SW-14
Sample ID			SW-09	SW-11	SW-12	SW-14	SW-DUP1
Matrix			Surface Water	Surface Water	Surface Water	Surface Water	Surface Water
Depth Interval (ft)			-	-	-	-	-
Date Sampled			04/09/05	04/09/05	04/09/05	04/09/05	04/09/05
Parameter	Units	Criteria*					Field Duplicate (1-1)
Metals							
Zinc	UG/L	-	22.3	29.1	32.0	20.0 U	20.0 U
Miscellaneous Parameters							
Phenolics, Total Recoverable	MG/L	0.001	0.010 U	0.010 U	0.010 U	0.010 U	0.010 U

*Criteria- NYSDEC TOGS (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations, April 2000, Class C, most stringent level of protection.

Flags assigned during chemistry validation are shown.



Concentration Exceeds Criteria

J - The reported concentration is an estimated value.

D - Result reported from a secondary dilution analysis.

U - Not detected above the reported quantitation limit.

NA - Not Analyzed

Only Detected Results Reported.

Detection Limits shown are MDL

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[SITEID] = '01' AND ([SACODE] = '1' OR [SACODE] = '10') AND [MATRIX] = 'WS' AND [LOGDATE] >= #6/9/02

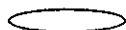
 Concentration Exceeds Criteria

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TABLE 4-21
STATISTICAL SUMMARY OF RI SURFACE WATER ANALYTICAL RESULTS
NYSEG - FORMER TRANSIT STREET MGP SITE

Parameter	Units	Criteria*	No. of Samples	No. of Detections	Range of Detections					No. Exceed	Dist	Location of Max Value
					Min	Max	Avg	StdDev	UCL95			
Metals												
Manganese	UG/L	-	9	9	18.60	83.40	41.65	20.37	54.96	0	Normal	SW-12
Potassium	UG/L	-	9	9	2,860	2.94E+04	7,786	8,387	1.33E+04	0	Non-Normal	SW-06
Sodium	UG/L	-	9	9	3.71E+04	5.64E+05	1.45E+05	1.71E+05	2.57E+05	0	Non-Normal	SW-06
Vanadium	UG/L	14	9	1	5.10	5.10	5.10	-	-	0	Non-Normal	SW-12
Zinc	UG/L	-	9	5	22.30	41.00	30.64	6.79	36.59	0	Normal	SW-06
Miscellaneous Parameters												
Phenolics, Total Recoverable	MG/L	0.001	9	1	0.150	0.150	0.150	-	-	1	Non-Normal	SW-08

*Criteria- NYSDEC TOGS (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations, April 2000, Class C, most stringent level of protection.



Concentration Exceeds Criteria

Only Detected Results Reported.

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WHERE [SITEID] = '01' AND ([SACODE] = 'N' OR [SACODE] = 'FD') AND [MATRIX] = 'WS' AND [LOODATE] >= 8/8/05

TABLE 4-22
TRANSECT SEDIMENT PROFILE SUMMARY
NYSEG - FORMER TRANSIT STREET MGP SITE
LOCKPORT, NEW YORK

Transect ID	Sediment Probe Location (From North Wall)	Sediment Thickness	Description	MGP or Other Undifferentiated Petroleum Indicators (Y/N)
TS-01	0.0'	7.1'	Rock Talus	No
	10.0'	3.1'	Brown Silt to Clayey Silt, some fine to coarse gravel, overlying rock talus.	No
	20.0'	0.9'	Brown Silt to Coarse Sand, increasing gray with depth.	No
	30.0'	0.2'	Brown Silt to clayey Silt, some fine to coarse gravel and shell debris.	No
	40.0'	0.1'	Brown Silt to clayey Silt, some fine to coarse gravel and shell debris.	No
	50.0'	0.3'	Brown Silt to clayey Silt, some fine to coarse gravel and shell debris.	No
	60.0'	0.1'	Brown Silt to clayey Silt, some fine to coarse gravel and shell debris.	No
	70.0'	0.2'	Brown Silt to clayey Silt, some fine to coarse gravel and shell debris.	No
	80.0'	0.2'	Brown in upper 6", then dark gray, Fine to coarse Gravel, angular, some cobbles, some silt to clayey silt and shell fragments.	No
	90.0'	0.7'	Gray brown, silty clay to clayey silt with decomposed organic material	No
	100.0'		Talus: Brown silt, some clay over cobble to boulder size dolomite talus in similar matrix.	No
	102.0'	6.1'	Talus: Brown silt, some clay over cobble to boulder size dolomite talus in similar matrix.	No
TS-02	0.0'	7.2'	Rock Talus with Silty Clay matrix.	No
	10.0'		Rock Talus with Silty Clay matrix.	No
	20.0'	4.0'	Brown Silt, some clay, with dark black bands and light bedding features.	No
	30.0'	2.0'	Brown with gray to black bedding features, lighter brown near top, Silty, some clay, trace glass, black organic debris.	No
	40.0'	1.8'	Brown with interbedded black Silt some clay. Black layers appear to be fibrous organic rich layers (leaf litter, stems)	No
	50.0'	2.6'	Brown Silt with organic material (roots), Dark Gray with depth ~1.3'	No
	60.0'	1.7'	Dark Brown to brown Silt, some clay. Very prominent layering, high organic content in black layers.	No
	70.0'	0.8'	Black to Brown Silt, some clay. Black material more organic, some bivalves, roots, leaf litter.	No
	80.0'	1.0'	Brown and black Silty Clay, trace bivalves, disturbed structure patterns.	No
	90.0'	0.9'	Brown and black Silty Clay, trace bivalves, disturbed structure patterns.	No
	100.0'	0.4'	Brown and black Silty Clay, trace plastic (thin mil), disturbed structure patterns.	No
	110.0'	0.4'	Brown and black Silty Clay, trace bivalves, disturbed structure patterns.	No
	120.0'	0.7'	Brown and black Silty Clay, disturbed structure patterns.	No
	130.4'	4.2'	Rock Talus with Silty Clay matrix.	No
TS-03	0.0'	5.5'	Rock Talus with Silty Clay matrix.	No
	10.0'	5.0'	Approximately 6" Brown Silt, underlain by black organic silt, stems, roots and leaf detritus	No
	20.0'	3.7'	Approximately 6" Brown Silt, underlain by black organic silt, stems, roots and leaf detritus, trace bivalve shells.	No
	30.0'	3.0'	Approximately 6" Brown Silt, underlain by black organic silt, stems, roots and leaf detritus, trace bivalve shells.	No
	40.0'	2.1'	Approximately 6" Brown Silt, underlain by black organic silt, stems, roots and leaf detritus, trace bivalve shells.	No
	50.0'	0.8'	Approximately 6" Brown Silt, underlain by black organic silt, stems, roots and leaf detritus, trace bivalve shells.	No
	60.0'	0.6'	Light Brown Silt underlain by Gray organic Silt with bivalve shells.	No
	70.0'	0.4'	Light Brown Silt underlain by Gray organic Silt, some fine to medium gravel and bivalve shells.	No
	80.0'	0.4'	Light Brown Silt underlain by Gray organic Silt and fine to medium gravel and bivalve shells, trace plant stems. Swampy odor.	No
	90.0'	0.5'	Light Brown-Gray Silty Clay with bivalve shells and cobbles/boulders.	No
	100.0'	0.6'	Brown-Gray Silt, some clay, soft, with bivalves (live).	No
	110.0'	0.6'	Dark Gray organic silt, varved silt, trace fine sand.	No
	120.0'	2.9'	Mottled Dark Gray and Brown Silty Clay, plastic, fine varves.	No
	130.0'	9.3'	Medium Brown Silt, trace clay over Rock Talus.	No

TABLE 4-22
TRANSECT SEDIMENT PROFILE SUMMARY
NYSEG - FORMER TRANSIT STREET MGP SITE
LOCKPORT, NEW YORK

Transect ID	Sediment Probe Location (From North Wall)	Sediment Thickness	Description	MGP or Other Undifferentiated Petroleum Indicators (Y/N)
TS-04	0.0'	4.7'	Rock Talus with Silty Clay matrix.	No
	10.0'	3.2'	Brown-Gray soft Silt with black organics.	No
	20.0'	2.5'	Brown Silt, some clay (~6") underlain by Dark Gray-Black organic leaf detritus.	No
	30.0'	2.6'	Brown Silt, some clay (~6") underlain by Dark Gray-Black organic leaf detritus.	No
	40.0'	2.8'	Brown Silt, some clay (~6") underlain by Dark Gray-Black organic leaf detritus.	No
	50.0'	2.8'	Brown Silt, some clay (~6") underlain by Dark Gray-Black organic leaf detritus.	No
	60.0'	0.6'	Dark Gray Silt, some clay varves, plant stems, trace angular to sub-rounded fine gravel.	No
	70.0'	0.8'	Light Gray-Brown Gravelly Silt (Gravel is shell and rock fragments).	No
	80.0'	0.5'	Gray Silt and bivalve shells, trace clay and fine gravel.	No
	90.0'	0.5'	Dark Gray Varved Silt with Bivalve Shells, some fine angular gravel.	No
	100.0'	0.7'	Dark Gray Varved Silt with Bivalve Shells, some fine angular gravel.	No
	110.0'	1.1'	Dark Gray Varved Silt with Bivalve Shells, some fine angular gravel.	No
	120.0'	2.5'	Dark Gray Varved Silt with Bivalve Shells and plant detritus, some fine angular gravel and fine sand.	No
	130.0'	8.8'	Rock Talus with Silty Clay matrix.	No
TS-05	0.0'	7.8'	Rock Talus with Silty Clay matrix.	No
	10.0'	5.6'	Brown to Dark Brown Silt, some plant detritus, trace shell fragments.	No
	20.0'	3.8'	Brown to Dark Brown Silt, some plant detritus, trace shell fragments.	No
	30.0'	2.6'	Brown to Dark Brown Silt, some plant detritus, trace shell fragments.	No
	40.0'	1.8'	Brown Silt(~6") underlain by Dark Brown to Black organic rich Silt with plant detritus/stems present.	No
	50.0'	1.7'	Brown Gray Silt and Bivalves with organic detritus. No evident structure.	No
	60.0'	0.5'	Brown Gray Silt and Bivalves with organic detritus. No evident structure. Overlain by Algae.	No
	70.0'	0.2'	Brown Gray Silt and Bivalves with organic detritus. No evident structure.	No
	80.0'	0.2'	Brown Gray Silt and Bivalves with significant organic detritus. No evident structure.	No
	90.0'	0.3'	Brown Gray Silt and Bivalves with significant organic detritus. No evident structure. Overlain by Algae.	No
	100.0'	1.9'	Brown Gray Silt and Bivalves with significant organic detritus. No evident structure. Overlain by Algae.	No
	110.0'	3.2'	Brown Silt(~6") underlain by Dark Brown to Black organic rich Silt with plant detritus/stems present.	No
	120.0'	3.4'	Brown Silt(~6") underlain by Dark Brown to Black organic rich Silt with plant detritus/stems present.	No
	130.0'	4.5'	Brown Silt(~6") underlain by Dark Brown to Black organic rich Silt with plant detritus/stems present.	No
	136.0'	7.8'	Rock Talus with Silty Clay matrix.	No

TABLE 4-22
TRANSECT SEDIMENT PROFILE SUMMARY
NYSEG - FORMER TRANSIT STREET MGP SITE
LOCKPORT, NEW YORK

Transect ID	Sediment Probe Location (From North Wall)	Sediment Thickness	Description	MGP or Other Undifferentiated Petroleum Indicators (Y/N)
TS-06	0.0'	7.3'	Rock Talus with Silty Clay matrix.	No
	10.0'	4.2'	Brown Silt to Clayey Silt (~6"), underlain by Dark Gray Silty Clay, organic rich, swampy odor.	No
	20.0'	4.2'	Brown Silt to Clayey Silt (~6"), underlain by Dark Gray Silty Clay, organic rich, swampy odor.	No
	30.0'	4.0'	Brown Silt to Clayey Silt (~6"), underlain by Dark Gray Silty Clay, organic rich, swampy odor.	No
	40.0'	1.3'	Dark Gray Clayey Silt, trace organics.	No
	50.0'	0.7'	Dark Gray Silt to Clayey Silt, trace coarse angular gravel.	No
	60.0'	0.3'	~1" Brown Silt to Clayey Silt over ~1" Dark Gray Organic detritus (leaf litter).	No
	70.0'	0.0'		No
	80.0'	0.2'	Brown Silt some clay. Gray to Dark Gray with depth, some organic decayed leaf litter, some coarse angular gravel.	No
	90.0'	0.3'	Brown Silt some clay. Gray to Dark Gray with depth, some organic decayed leaf litter, some coarse angular gravel.	No
	100.0'	1.3'	Brown Silt some clay. Gray to Dark Gray with depth, some organic decayed leaf litter, some coarse angular gravel.	No
	110.0'	2.4'	Brown Silt some clay. Gray to Dark Gray with depth, some organic decayed leaf litter, trace coarse angular gravel.	No
	120.0'		Brown Silt some clay. Gray to Dark Gray with depth, some organic decayed leaf litter. Underlain by Rock Talus.	No
	130.0'		Rock Talus with Silty Clay matrix.	No
TS-07	134.0'	7.6'	Rock Talus with Silty Clay matrix.	No
	0.0'	6.4'	Rock Talus with Silty Clay matrix.	No
	10.0'	3.2'	~4-5" Brown Clayey Silt over Dark Gray Silt with leaf litter and swampy odor.	No
	20.0'	3.0'	~4-5" Brown Clayey Silt over Dark Gray Silt with leaf litter and swampy odor.	No
	30.0'	3.5'	5" Brown Clayey Silt, some fine to coarse gravel over Dark Gray Silt with leaf litter and swampy odor.	No
	40.0'	4.5'	6" Brown Silt, some fine angular rock and shell fragments over Dark Gray organic rich Silt.	No
	50.0'	2.6'	6" Brown Silt, some fine angular rock and shell fragments over Dark Gray organic rich Silt.	No
	60.0'	0.6'	Brown Silt, some angular rock and shell fragments over Dark Gray organic rich Silt, trace brick and tile fragments.	No
	70.0'	0.2'	Brown Silt, some angular rock and shell fragments over Dark Gray organic rich Silt.	No
	80.0'	0.1'	Brown Silt, some angular rock and shell fragments over Dark Gray organic rich Silt.	No
	90.0'	0.3'	1" Brown Silt, trace angular fine to coarse gravel rock fragments, over Dark Gray organic rich Silt (leaf litter).	No
	100.0'	0.2'	1" Brown Silt and angular fine to coarse gravel rock fragments and cobbles, over Dark Gray organic rich Silt (leaf litter).	No
	110.0'	1.9'	0.3' Brown Silt with fine to coarse gravel, brick and shell fragments over Dark Gray organic rich Silt (leaf litter).	No
	120.0'		Rock Talus with Silty Clay matrix.	No
TS-08	130.0'	8.8'	Rock Talus with Silty Clay matrix.	No
	0.0'	7.2'	Rock Talus with Silty Clay matrix.	No
	10.0'	0.6'	Rock Talus with Silty Clay matrix.	No
	20.0'	0.2'	Brown Silt and Bivalve shell fragments.	No
	30.0'	0.4'	Brown Silt and Bivalve shell fragments.	No
	40.0'	0.6'	Brown Silt and Bivalve shell fragments.	No
	50.0'	0.0'		No
	60.0'	0.1'	Brown Silt and Bivalve shell fragments.	No
	70.0'	0.4'	Brown Silt to Clayey Silt, some organic plant detritus (decayed), some fine to coarse gravel sized shell fragments.	No
	80.0'	0.3'	Brown Silt to Clayey Silt, some organic plant detritus (decayed), some fine to coarse gravel sized shell fragments.	No
	90.0'	1.4'	Brown Silt, trace clay, over Gray organic rich silt (plant detritus).	No
	100.0'		Rock Talus with Silty Clay matrix.	No
	106.0'	7.1'	Rock Talus with Silty Clay matrix.	No

TABLE 4-22
TRANSECT SEDIMENT PROFILE SUMMARY
NYSEG - FORMER TRANSIT STREET MGP SITE
LOCKPORT, NEW YORK

Transect ID	Sediment Probe Location (From North Wall)	Sediment Thickness	Description	MGP or Other Undifferentiated Petroleum Indicators (Y/N)
TS-09	0.0'	9.5'	Rock Talus with Silty Clay matrix.	No
	10.0'		Rock Talus with Silty Clay matrix.	No
	20.0'	0.3'	Brown Silt and Bivalve Shell Fragments.	No
	30.0'	0.8'	Brown Silt and Bivalve Shell Fragments.	No
	40.0'	0.4'	Brown Silt and Bivalve Shell Fragments.	No
	50.0'	0.3'	Gray-Brown organic rich Silt with Coarse Sand to Fine Gravel sized Shell Fragments.	No
	60.0'	0.1'	Gray-Brown Silt with Coarse Sand to Fine Gravel sized Shell Fragments.	No
	70.0'	0.1'	Brown Silt and Bivalve Shell Fragments.	No
	80.0'	0.4'	0.2' Brown Silt and Bivalve Shell Fragments over Dark Gray Organic Rich Silty Clay.	No
	90.0'	0.6'	Brown Silt and Bivalve Shell Fragments.	No
	100.0'		Rock Talus with Silty Clay matrix, trace bivalve shells/shell fragments.	No
TS-10	104.0'	5.3'	Rock Talus with Silty Clay matrix, trace bivalve shells/shell fragments.	No
	0.0'	10.4'	Rock Talus with Silty Clay matrix.	No
	10.0'		Rock Talus with Silty Clay matrix.	No
	20.0'	2.6'	Brown fine to coarse Silty Gravel over Dark Gray Silt, with slight undifferentiated petroleum odor.	Yes odor
	30.0'	0.7'	Brown-Gray fine to coarse Gravel and Silt, some cobbles.	No
	40.0'	1.6'	Gray to Dark Gray Bivalve Shells and Silt, some cobbles and boulders and fine to coarse gravel.	No
	50.0'	2.4'	Bivalve Shells and Brown Silt over Stiff Gray Silt with fine sand to boulder sized rock fragments.	No
	60.0'	1.7'	Bivalve Shells and Brown Silt over Stiff Gray Silt with fine sand to boulder sized rock fragments.	No
	70.0'	0.1'	Bivalve Shells and Brown Silt.	No
	80.0'	0.3'	Brown-Gray Fine to medium angular Gravel, trace sand. Agitation produces sheen. Slight MGP odor.	Yes odor and sheen
	90.0'	0.7'	Dark Brown, stained Fine Gravel to Boulder and silt. Agitation produces sheen. Slight MGP odor.	Yes odor and sheen
TS-11	100.0'		Rock Talus with Silty Clay matrix. Dark brown staining. Near 12" outfall. Swampy/sewer and MGP odor.	Yes odor
	109.5'	3.7'	Rock Talus with Silty Clay matrix. Dark brown staining. Near 12" outfall. Swampy/sewer and MGP odor.	Yes odor and sheen
	0.0'	8.1'	Rock Talus with Silty Clay matrix.	No
	10.0'	4.5'	0.5' Brown Silt with gravel, over Dark Gray organic silt with swampy odor.	No
	20.0'	1.9'	0.5' Brown Silt with gravel, over Dark Gray to black organic silt with swampy odor.	No
	30.0'	0.6'	0.1' Brown Silt with gravel, over 0.5' Dark Gray stiff Silty Clay.	No
	40.0'	1.4'	Gray Silty to Clayey Silt, slight MGP odor.	Yes odor
	50.0'	2.0'	Dark Gray Silt and Gravel. Slight MGP odor, slight sheen visible with disturbance.	Yes odor and sheen
	60.0'	0.6'	0.1' Brown Silt with fine gravel and shell fragments, over Dark Gray Silty Clay, some coarse gravel to cobble. Slight MGP odor, slight sheen visible with disturbance.	Yes odor and sheen
	70.0'	0.3'	Brown-Gray Fine to coarse angular gravel and Silt.	No
	80.0'	0.1'	Gray Fine to coarse angular gravel.	No
	90.0'	0.4'	Gray-Brown Fine to coarse Angular Gravel to Boulders with Interstitial Silt.	No
	100.0'		Rock Talus with Silty Clay matrix.	No
	105.0'	5.7'	Rock Talus with Silty Clay matrix. MGP odor at Canal Wall.	Yes odor

TABLE 4-22
TRANSECT SEDIMENT PROFILE SUMMARY
NYSEG - FORMER TRANSIT STREET MGP SITE
LOCKPORT, NEW YORK

Transect ID	Sediment Probe Location (From North Wall)	Sediment Thickness	Description	MGP or Other Undifferentiated Petroleum Indicators (Y/N)
TS-12	0.0'	8.4'	Rock Talus with Silty Clay matrix.	No
	10.0'	4.6'	6.5" Shale Fragments with Ash, over Brown Silt, some clay with Rock Fragments.	No
	20.0'	2.9'	4" Brown Clayey Silt, some fine to coarse angular gravel. 4"-1.0': Gray Stiff Silt with slight undifferentiated petroleum odor and abundant bivalve shells.	No
	30.0'	2.6'	Olive Gray Brown Silt with Clay above Stiff Gray Silty Clay (ML), with some fine to coarse angular gravel. Slight undifferentiated petroleum odor.	No
	40.0'	1.5'	2" Brown Silt and angular Gravel over Gray Silt, some clay (ML), some gravel. Slight undifferentiated petroleum odor.	No
	50.0'	1.2'	2" Brown Silt and angular Gravel over Gray Silt, some clay (ML), some gravel. Slight undifferentiated petroleum odor.	No
	60.0'	1.5'	2" Brown Silt and angular Gravel over Gray Silt, some clay (ML), some bivalve shells and angular gravel. Slight undifferentiated petroleum odor.	No
	70.0'	0.0'		No
	80.0'	0.0'		No
	90.0'	0.0'		No
	100.0'		Rock Talus with Silty Clay matrix.	No
TS-13	102.0'	5.2'	Rock Talus with Silty Clay matrix.	No
	0.0'	4.3'	Rock Talus with Silty Clay matrix.	No
	8.0'	3.0'	Brown Silt (ML), very soft, trace Gravel and bivalve shells.	No
	18.0'	2.2'	Brown Silt (ML), very soft, trace Gravel and bivalve shells.	No
	28.0'	0.0'		No
	38.0'	0.0'		No
	48.0'	1.2'	Gray Clayey Silt (ML) with organic swampy odor.	No
	58.0'	0.0'	Trace Silt.	No
	68.0'	0.6'	6" Rounded gravel with angular rock fragments and brown silt matrix, some organic matter (GM) over Gray Brown Silt some Clay.	No
	78.0'	0.7'	6" Rounded gravel with angular rock fragments some brown silt matrix, some organic matter (GW) over Gray Brown Silt some Clay.	No
	88.0'	0.5'	Brown Silt with rock fragments and angular gravel (GW/GM)	No
	98.0'	0.0'		No
	108.0'	0.0'		No
	118.0'	0.0'		No
	128.0'	0.0'		No
	140.0'	7.0'	Rock Talus with Silty Clay matrix.	No

**TABLE 4-22
TRANSECT SEDIMENT PROFILE SUMMARY
NYSEG - FORMER TRANSIT STREET MGP SITE
LOCKPORT, NEW YORK**

Transect ID	Sediment Probe Location (From North Wall)	Sediment Thickness	Description	MGP or Other Undifferentiated Petroleum Indicators (Y/N)
TS-14	0.0'		Large Boulders/Rip Rap with fine to medium Brown Sand to 6". Dark Gray Silt with old petroleum odor. Produces sheen.	Yes, Old and Sheen
	10.0'	2.3'	4" Brown Sand and Gravel over Dark Gray Silt with slight diesel odor.	Yes, Old and Sheen
	20.0'	2.3'	5" Brown fine to medium Sand and fine to coarse gravel, over Gray to Dark Gray Silt with slight diesel odor.	Yes, Old and Sheen
	30.0'	3.3'	6" Brown fine to medium Sand, fine gravel, trace wood, over Gray to Dark Gray Silt trace Clay with slight diesel odor. Produces sheen.	Yes, Old and Sheen
	40.0'	1.9'	6" Brown fine to medium Sand and silt, some fine to medium gravel, over Dark Gray Silt, trace clay with slight diesel odor. Produces sheen.	Yes, Old and Sheen
	50.0'	4.8'	Produces sheen.	Yes, Old and Sheen
	60.0'	5.6'	Produces sheen.	Yes, Old and Sheen
	70.0'	5.5'	Produces sheen.	Yes, Old and Sheen
	80.0'	2.3'	6" Brown fine to medium Sand and silt, some fine to medium gravel with cobbles/boulders, over Dark Gray Silt, trace clay with slight diesel odor. Produces sheen.	Yes, Old and Sheen
	90.0'	1.8'	Produces sheen.	Yes, Old and Sheen
	100.0'	2.6'	Produces sheen.	Yes, Old and Sheen
	110.0'	2.7'	Produces sheen.	Yes, Old and Sheen
	120.0'	1.3'	Produces sheen.	Yes, Old and Sheen
	130.0'	>9.3'	Produces sheen.	Yes, Old and Sheen
	140.0'	>9.25'	8" Brown fine to medium Sand and Gravel, over Dark Gray Silt, trace clay with slight diesel odor. Produces sheen.	Yes, Old and Sheen
	150.0'	>9.2'	Produces sheen.	Yes, Old and Sheen
	160.0'	>10'	Produces sheen.	Yes, Old and Sheen
	170.0'	7.2'	Produces sheen.	Yes, Old and Sheen
	180.0'	6.6'	8" Brown fine to medium Sand and Gravel, over Dark Gray Silt, trace clay with slight diesel odor. Produces sheen.	Yes, Old and Sheen
	190.0'	1.0'	Produces sheen.	Yes, Old and Sheen
	200.0'	0.9'	Produces sheen.	Yes, Old and Sheen
	204.0'	0.0'	Concrete Apron.	No
TS-15	0.0'	2.2'	0-2.0': Gray Silty Clay, stiff, some coarse sand and fine gravel. Slight undifferentiated petroleum odor starting at 1.5'. 2.0-2.2': Black Silty Gravel, slight undifferentiated petroleum odor.	Yes, Old
	10.0'	2.4'	Brown (top 6") to Gray Silty Clay, stiff, some sand and angular gravel. Slight undifferentiated petroleum odor starts at 0.5'.	Yes, Old
	20.0'	1.2'	Brown Gray Silty Clay, stiff, some fine gravel, trace sand, turns to medium gray at 0.9', slight undifferentiated petroleum odor.	Yes, Old
	30.0'	2.2'	Brown Clayey Silt, trace angular gravel and sand, turns gray at 1.5', slight undifferentiated petroleum odor to 2.2'.	Yes, Old
	40.0'	2.0'	Brown to Gray (@1.5') Clayey Silt, slight undifferentiated petroleum odor starts at 1.5'.	Yes, Old
	50.0'	2.0'	Brown to Gray (@1.5') Clayey Silt, slight undifferentiated petroleum odor starts at 1.5'.	Yes, Old
	60.0'	0.0'		No
	70.0'	0.0'		No
	80.0'	0.0'		No
	85.0'	1.0'	Brown to Gray Silt, trace clay with fine to coarse gravel, some fine to coarse sand (shells),	No
	90.0'	4.8'	Rock Talus with Silty Clay matrix.	No
	98.0'	9.0'	Rock Talus with Silty Clay matrix.	No

TABLE 4-22
TRANSECT SEDIMENT PROFILE SUMMARY
NYSEG - FORMER TRANSIT STREET MGP SITE
LOCKPORT, NEW YORK

Transect ID	Sediment Probe Location (From North Wall)	Sediment Thickness	Description	MGP or Other Undifferentiated Petroleum Indicators (Y/N)
TS-16	0.0'	1.4'	Brown Silty Clay, trace fine to coarse angular gravel. No odor. Soft. Bottom 3" have increase Sand and gravel content.	No
	10.0'	0.3'	Dark Gray Silty Clay, some fine to coarse angular gravel. No odor, soft.	No
	20.0'	0.4'	Angular Shale Gravel with interstitial brown silty clay, no odor, no sheen.	No
	30.0'	0.0'		No
	40.0'	0.4'	Fine to Medium Angular Shale Gravel, some fine to coarse sand and silt, no odor, no sheen, few shell fragments.	No
	50.0'	0.2'	Fine to Medium Angular Shale Gravel, some fine to coarse sand, trace silt, gray to brown, no odor, no sheen, few shell fragments.	No
	60.0'	0.0'		No
	70.0'	0.0'		No
	80.0'	0.0'		No
	90.0'	0.7'	Soft Brown to Dark Brown Clayey Silt, some lack mottling, trace angular shale gravel, no odor, no sheen.	No
	100.0'	6.5'	Rock Talus with Silty Clay matrix.	No
	106.0'	9.5'	Rock Talus with Silty Clay matrix.	No
TS-17	0.0'	1.3'	Brown, soft, Silt, trace clay, some to trace fine to coarse angular gravel. Dark Gray to Black (0.5-1.3').	No
	10.0'	0.3'	Gray, soft, Silt trace clay, some to trace fine angular gravel, black at top of rock with slight decay odor.	No
	20.0'	0.4'	Fine to Coarse Shale gravel with interstitial Brown Silt, trace clay and trace fine to coarse sand, no odor.	No
	30.0'	1.1'	0-0.5': Brown Silt trace clay, some fine to coarse gravel. 0.5-1.1': Gray Clayey Silt, some fine to coarse angular gravel with undifferentiated petroleum odor and slight sheen.	Yes (odor and sheen)
	40.0'	2.1'	0-0.5': Brown Clayey Silt with fine to coarse angular shale gravel. 0.5-2.0': Gray Clayey Silt, stiff with fine to coarse angular gravel, slight undifferentiated petroleum odor and sheen.	Yes (odor and sheen)
	50.0'	0.7'	Brown Fine to Coarse Angular Shale Gravel with Brown Silt, some fine to coarse sand. No odor, no sheen.	No
	60.0'	0.0'		No
	70.0'	0.0'		No
	80.0'	0.0'		No
	90.0'	0.7'	Brown-Gray Clayey Silt and gravel (rock talus), soft.	No
	100.0'	6.2'	Rock Talus and concrete with Silty Clay matrix.	No
	104.0'	8.2'	Rock Talus and concrete with Silty Clay matrix.	No
TS-18	0.0'			No
	10.0'	3.0'		No
	20.0'	>10.0'	0-2': Brown Silty Sand and Gravel, trace shells. 2-4': Black, Silty Sand, some gravel, organics and sheen.	Yes (odor)
	30.0'	7.0'		No
	40.0'	5.2'	0-1.5': Medium Brown, Gravelly Sand, trace shells. 1.5-2.5: Black, Silty Sand.	No
	50.0'	6.0'		No
	60.0'	2.0'		No
	70.0'	2.0'		No
	77.0'			No

TABLE 4-22
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NYSEG - FORMER TRANSIT STREET MGP SITE
LOCKPORT, NEW YORK

Transect ID	Sediment Probe Location (From North Wall)	Sediment Thickness	Description	MGP or Other Undifferentiated Petroleum Indicators (Y/N)
TS-19	0.0'			No
	10.0'	2.8'		No
	20.0'	2.7'		No
	30.0'	0.5'	Black Fine Sandy Silt, some organics, swampy odor.	No
	40.0'	0.7'		No
	50.0'	4.4'		No
	60.0'	1.7'	0-1.5': Black Sandy Silt, some organics, trace gravel and shells. 1.5-4.0': Light Gray, Clayey Silt/Silty Clay.	No
	70.0'	3.0'		No
	80.0'	4.3'		No
	90.0'	4.2'	0-2.0': Medium Gray, Silty Clay/Clayey Silt, trace gravel, organics, muskeel shells. 2.0-4.0': Light Gray, Clayey Silt, trace gravel and organics.	No
	100.0'	6.3'		No
	110.0'	3.5'		No
	114.0'			No
TS-20	0.0'			No
	10.0'	0.8'		No
	20.0'	1.8'		No
	30.0'	1.5'	Black Sandy Silt, some organics, trace shells and gravel.	No
	40.0'	1.5'		No
	50.0'	1.8'		No
	60.0'	2.9'	0-1.5': Black Sandy Silt, some organics, trace gravel and shells. 1.5-3.0': Light Gray, Clayey Silt/Silty Clay.	No
	70.0'	7.1'		No
	80.0'	3.8'		No
	90.0'	5.4'	0-0.5': Black Silty Sand with Gravel. 0.5'+: Medium Gray Silty Clay, trace gravel, trace woody material, lighter gray at 1.0' and increased clay content.	No
	100.0'	5.0'		No
TS-21	0.0'	6.4'	0-1.5': Brown Clayey Silt, trace sand and gravel, soft. 1.5-6.4.0': Gray to Dark Gray to Black Clayey Silt, trace sand and gravel, weather petroleum odor.	Yes, odor
	10.0'	4.2'	0-1.5': Brown Clayey Silt, trace sand and gravel, soft. 1.5-4.0': Gray to Dark Gray to Black Clayey Silt, trace sand and gravel, weather petroleum odor.	Yes, odor
	20.0'	2.0'	0-0.5': Brown Clayey Silt, trace gravel. 0.5-2.0': Gray to Medium Gray Clayey Silt, trace fine to coarse gravel.	No
	30.0'	1.2'	Brown Gravel at surface, then Gray Clayey Silt trace fine to coarse gravel, slight petroleum odor.	Yes, odor
	40.0'	1.2'	Dark Gray Clayey Silt, some fine to coarse gravel, slight petroleum odor.	Yes, odor
	50.0'	2.0'	Brown to Dark Gray Clayey Silt and Gravel	No
	60.0'	1.8'	Dark Brown to Dark Gray Clayey Silt with gravel and shell fragments	No
	70.0'	0.8'	Dark Gray Gravelly Sand, trace silt, shells.	No
	80.0'	Trace		No
	90.0'	0.4'	Dark Gray to Black Clayey Silt with Gravel. Petroleum odor.	Yes, odor
	100.0'	5.4'	Rocky Talus with Silty Clay matrix.	No
	102.0'	6.9'	Rocky Talus with Silty Clay matrix.	No

TABLE 4-23
BUCKET AUGER SAMPLE SUMMARY
NYSEG - FORMER TRANSIT STREET MGP SITE
LOCKPORT, NEW YORK

Boring ID	Sediment Interval (feet)	Headspace PID (ppm)	Description
BA-01	0.0-0.5	ND	0.0-0.9': Gray-Brown Clayey Silt to Silt, some fine to coarse angular rock fragments, gravel size, trace angular cobbles
	0.5-1.0	ND	
	1.0-1.5	ND	
	1.5-2.0	ND	0.9-2.2': Med Gray, well laminated Silty Clay, trace fine to coarse gravel rock fragments.
	2.0-2.5	3.4	
	2.5-3.0	5.6	2.2-3.7': As above with some dark gray laminations increasing with depth. Slightly moist, stiff.
	3.0-3.5	29.6	
	3.5-4.0	35.7	3.7-5.0': Mostly Dark gray to black lamination.
	4.0-4.5	-	
	4.5-5.0	87.3	2.0-5.8': More brown coloration, minor black lamination. Strong undifferentiated petroleum odor.
	5.0-5.5	101	
	5.5-5.8	75.6	
BA-02	0.0-0.5	ND	0.0-0.2': Leaf Litter
	0.5-1.0	ND	0.2-0.8': Brown Clayey Silt, some fine angular gravel., moist.
	1.0-1.5	ND	0.8-1.5': Light Gray brown Fine angular Gravel
	1.5-2.0	ND	1.5-2.3': Brown Clayey Silt, wet, soft.
	2.0-2.5	18.4	2.3-3.5': Dark Gray to Gray Silty Clay, strong undifferentiated petroleum odor.
	2.5-3.0	32.3	
	3.0-3.5	21.6	
BA-03	0.0-0.5	ND	0.0-0.4': Leaf Litter
	0.5-1.0	ND	0.4-0.6': Brown Silt, wet.
	1.0-1.5	ND	0.6-2.1': Gray Silty Clay, trace fine to coarse angular gravel
	1.5-2.0	ND	2.1-2.7': Fine to coarse angular to sub angular gravel and cobble.
	2.0-2.5	ND	
	2.5-3.0	2.3	2.7-3.5': Gray Silty Clay, some black staining, slight undifferentiated petroleum odor.
	3.0-3.5	4.1	
BA-04	0.0-0.5	ND	0.0-0.8': Leaf Litter
	0.5-1.0	ND	0.8-1.6': Brown Silt, trace fine to coarse gravel, wet.
	1.0-1.5	ND	1.6-2.3': Gray Silty Clay, wet.
	1.5-2.0	ND	
	2.0-2.5	ND	2.3-4.5': Gray Silty Clay, very moist, swells.
	2.5-3.0	ND	
	3.0-3.5	ND	
	3.5-4.0	ND	
	4.0-4.5	ND	

TABLE 4-23
BUCKET AUGER SAMPLE SUMMARY
NYSEG - FORMER TRANSIT STREET MGP SITE
LOCKPORT, NEW YORK

Boring ID	Sediment Interval (feet)	Headspace PID (ppm)	Description
BA-05 (on TS-12)	0.0-1.0	ND	0.0-1.0': Gray Brown Silt and Clay above Stiff Gray silty Clay with some fine to coarse angular gravel. Slight undifferentiated petroleum odor.
	1.0-2.0	ND	1.0-2.0': Brown Silt and Medium to Coarse Sand with fine angular gravel.
	2.0-3.0	ND	2.0-3.0': Brown Silt, some medium to coarse sand, trace fine gravel.
	3.0-4.0	3.5	3.0-4.0': Dark Gray Organic (leaf litter, stems, decay) Silt, swampy odor.
BA-06 (on TS-11)	0.0-1.0	ND	0.0-1.0': Brown Silt, trace clay, trace fine angular gravel.
	1.0-2.0	ND	1.0-2.0': Brown Silt, trace clay.
	2.0-3.0	1.0	2.0-3.0': Dark Brown Gray Silt, trace clay, trace coarse sand.
	3.0-4.0	1.0	3.0-4.0': Dark Gray Organic Silt, stiff, swampy odor.
BA-07 (on TS-10)	0.0-1.0	ND	0.0-1.0': Brown Silt and fine to coarse Sand, trace fine angular gravel, some gray silt with slight odor. Sediments produce sheen. Several refusals at 1.0'.
BA-08 (on TS-09)	0.0-1.0	ND	0.0-2.0': 6" Brown Silt, trace clay, then Dark gray Silt, some fine to coarse sand, trace fine gravel, slight swampy odor.
	1.0-2.0	1.4	
BA-09 (on TS-08)	0.0-1.0	1.5	0.0-1.0': Brown Gray Silt, trace clay, no odor.
	1.0-2.0	1.7	1.0-2.0': Dark gray brown Silt, some clay, trace angular gravel, trace coarse sand.
BA-10 (on TS-07)	0.0-1.0	1.1	0.0-1.0': Brown Silt, trace clay, little fine gravel.
	1.0-2.0	1.9	1.0-2.0': Dark gray brown Silt, some fine to coarse angular gravel, trace coarse sand. No odor.
BA-11 (on TS-06)	0.0-1.0	ND	0.0-2.0': Brown stiff Silty Clay
	1.0-2.0	ND	
	2.0-3.0	1.5	2.0-4.0': Gray brown, organic Silt (decayed leaf litter)
	3.0-4.0	2.4	
BA-12 (on TS-05)	0.0-1.0	ND	0.0-1.0': Brown Clayey Silt, trace coarse angular gravel, no odor.
	1.0-2.0	ND	1.0-2.0': Brown Clayey Silt, trace coarse angular gravel, not as stiff as above, no odor.
	2.0-3.0	1.3	2.0-4.0': Dark Gray, organic silt, plastic.
	3.0-4.0	5.9	

NOTE: Bucket Auger Borings were advanced and sampled for qualitative purposes only, no samples were submitted for laboratory analysis from these borings.

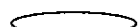
TABLE 4-24
SUMMARY OF DETECTED RI SEDIMENT ANALYTICAL RESULTS - BENTHIC ACUTE PROTECTION
NYSEG - FORMER TRANSIT STREET MGP SITE
LOCKPORT, NEW YORK

Location ID		SED-01	SED-02	SED-02	SED-03	SED-03
Sample ID		SED-1	SED-2 0-1	SED-2 2.5-3	SED-3 0-1	SED-3 3.5-4
Matrix		Sediment	Sediment	Sediment	Sediment	Sediment
Depth Interval (ft)		0.0-1.0	0.0-1.0	2.5-3.0	0.0-1.0	3.5-4.0
Date Sampled		04/09/05	04/09/05	04/09/05	04/09/05	04/09/05
Parameter	Units					
Volatile Organic Compounds						
Benzene	UG/KG	8 U (2,163)	8 U (2,585)	8 U (1,741)	8 U (1,813)	8 U (2,081)
Total BTEX	UG/KG	ND	ND	ND	ND	ND
Semivolatile Organic Compounds						
Acenaphthene	UG/KG	490 U	500 U	480 U	520 U	530 U
Acenaphthylene	UG/KG	490 U	500 U	480 U	520 U	530 U
Anthracene	UG/KG	490 U (20,706)	500 U (24,749)	480 U (16,663)	520 U (17,354)	530 U (19,917)
Benzo(a)anthracene	UG/KG	490 U (1,974)	500 U (2,359)	400 J (1,589)	520 U (1,654)	530 U (1,899)
Benzo(a)pyrene	UG/KG	180 J	500 U	420 J	520 U	190 J
Benzo(b)fluoranthene	UG/KG	240 J	500 U	620	520 U	260 J
Benzo(g,h,i)perylene	UG/KG	490 U	500 U	480 U	520 U	530 U
Benzo(k)fluoranthene	UG/KG	490 U	500 U	240 J	520 U	530 U
bis(2-Ethylhexyl)phthalate	UG/KG	490 U	500 U	540	1,600	3,400
Butylbenzylphthalate	UG/KG	490 U	500 U	320 J	520 U	530 U
Carbazole	UG/KG	490 U	500 U	480 U	520 U	530 U
Chrysene	UG/KG	490 U	500 U	370 J	520 U	530 U
Dibenz(a,h)anthracene	UG/KG	490 U	500 U	480 U	520 U	530 U
Dibenzofuran	UG/KG	490 U	500 U	480 U	520 U	530 U
Di-n-butylphthalate	UG/KG	490 U	500 U	480 U	520 U	530 U
Di-n-octylphthalate	UG/KG	490 U	500 U	310 J	210 J	530 U
Fluoranthene	UG/KG	420 J	200 J	750	290 J	470 J
Fluorene	UG/KG	490 U (1,533)	500 U (1,832)	480 U (1,234)	520 U (1,285)	530 U (1,475)
Indeno(1,2,3-cd)pyrene	UG/KG	490 U	500 U	480 U	520 U	530 U

Criteria- NYSDEC Technical Guidance for Screening Contaminated Sediments, Benthic Acute Toxicity, January 25, 1999.

(NV) - No Calculable Value, TOC Not Detected

Flags assigned during chemistry validation are shown.

 Concentration Exceeds Criteria.

J - The reported concentration is an estimated value.

D - Result reported from a secondary dilution analysis.

U - Not detected above the reported quantitation limit.

NA - Not Analyzed

Only Detected Results Reported.

Detection Limits shown are PQL

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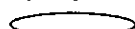
TABLE 4-24
SUMMARY OF DETECTED RI SEDIMENT ANALYTICAL RESULTS - BENTHIC ACUTE PROTECTION
NYSEG - FORMER TRANSIT STREET MGP SITE
LOCKPORT, NEW YORK

Location ID		SED-01	SED-02	SED-02	SED-03	SED-03
Sample ID		SED-1	SED-2 0-1	SED-2 2.5-3	SED-3 0-1	SED-3 3.5-4
Matrix		Sediment	Sediment	Sediment	Sediment	Sediment
Depth Interval (ft)		0.0-1.0	0.0-1.0	2.5-3.0	0.0-1.0	3.5-4.0
Date Sampled		04/09/05	04/09/05	04/09/05	04/09/05	04/09/05
Parameter	Units					
Semivolatile Organic Compounds						
Naphthalene	UG/KG	490 U (5,418)	500 U (6,476)	480 U (4,360)	520 U (4,541)	530 U (5,212)
Phenanthrene	UG/KG	340 J	500 U	350 J	520 U	280 J
Pyrene	UG/KG	330 J (184,275)	500 U (220,253)	670 (148,298)	220 J (154,440)	390 J (177,255)
Total Carcinogenic PAHs	UG/KG	420	ND	2,050	ND	450
Total Non-Carcinogenic PAHs	UG/KG	1,090	200	1,770	510	1,140
Total Polycyclic Aromatic Hydrocarbons	UG/KG	1,510	200	3,820	510	1,590
Total Semivolatile Organic Compounds	UG/KG	1,510	200	4,990	2,320	4,990
Polychlorinated Biphenyls						
Aroclor 1242	UG/KG	25 U (57,977)	26 U (69,296)	120 U (46,658)	25 U (48,590)	2,400 (55,768)
Aroclor 1248	UG/KG	57 (57,977)	65 (69,296)	1,400 (46,658)	140 (48,590)	1,700 (55,768)
Aroclor 1254	UG/KG	33 (57,977)	40 (69,296)	810 (46,658)	81 (48,590)	860 (55,768)
Aroclor 1260	UG/KG	13 J (57,977)	26 U (69,296)	120 U (46,658)	25 U (48,590)	600 (55,768)
Total Polychlorinated Biphenyls	UG/KG	103 (57,977)	105 (69,296)	2,210 (46,658)	221 (48,590)	5,560 (55,768)
Miscellaneous Parameters						
Total Cyanide	MG/KG	1.5 U	1.2 U	0.95 U	1.1 U	0.99 U
Total Organic Carbon (TOC)	MG/KG	21,000	25,100	16,900	17,600	20,200
Solids, Percent	PERCENT	63.0	61.8	74.4	64.3	61.2
Total Cyanide (Secondary Lab)	MG/KG	NA	NA	NA	NA	NA
Ferric/Ferrous Iron Cyanide Complex	MG/KG	NA	NA	NA	NA	NA

Criteria- NYSDEC Technical Guidance for Screening Contaminated Sediments, Benthic Acute Toxicity, January 25, 1999.

(NV) - No Calculable Value, TOC Not Detected

Flags assigned during chemistry validation are shown.

 Concentration Exceeds Criteria.

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D - Result reported from a secondary dilution analysis.

U - Not detected above the reported quantitation limit.

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Only Detected Results Reported.

Detection Limits shown are PQL

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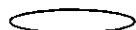
TABLE 4-24
SUMMARY OF DETECTED RI SEDIMENT ANALYTICAL RESULTS - BENTHIC ACUTE PROTECTION
NYSEG - FORMER TRANSIT STREET MGP SITE
LOCKPORT, NEW YORK

Location ID		SED-04	SED-04	SED-05	SED-05	SED-06
Sample ID		SED-4 0-1	SED4 3.5-4	SED-5 0-1	SED5 3.5-4	SED-06 0-1
Matrix		Sediment	Sediment	Sediment	Sediment	Sediment
Depth Interval (ft)		0.0-1.0	3.5-4.0	0.0-1.0	3.5-4.0	0.0-1.0
Date Sampled		04/09/05	04/09/05	04/09/05	04/09/05	04/11/05
Parameter	Units					
Volatile Organic Compounds						
Benzene	UG/KG	7 U (1,751)	7 U (1,751)	7 U (2,565)	8 U (2,369)	6 U (2,482)
Total BTEX	UG/KG	ND	ND	ND	ND	ND
Semivolatile Organic Compounds						
Acenaphthene	UG/KG	450 U	480 U	470 U	500 U	410 U
Acenaphthylene	UG/KG	450 U	480 U	470 U	500 U	290 J
Anthracene	UG/KG	450 U (16,762)	480 U (16,762)	470 U (24,551)	500 U (22,678)	260 J (23,763)
Benzo(a)anthracene	UG/KG	230 J (1,598)	480 U (1,598)	470 U (2,341)	500 U (2,162)	880 (2,265)
Benzo(a)pyrene	UG/KG	230 J	480 U	470 U	500 U	990
Benzo(b)fluoranthene	UG/KG	330 J	270 J	470 U	500 U	1,200
Benzo(g,h,i)perylene	UG/KG	450 U	480 U	470 U	500 U	370 J
Benzo(k)fluoranthene	UG/KG	450 U	480 U	470 U	500 U	390 J
bis(2-Ethylhexyl)phthalate	UG/KG	210 J	480 U	350 J	500 U	330 J
Butylbenzylphthalate	UG/KG	450 U	480 U	470 U	500 U	410 U
Carbazole	UG/KG	450 U	480 U	470 U	500 U	410 U
Chrysene	UG/KG	250 J	190 J	470 U	500 U	1,100
Dibenz(a,h)anthracene	UG/KG	450 U	480 U	470 U	500 U	410 U
Dibenzofuran	UG/KG	450 U	480 U	470 U	500 U	410 U
Di-n-butylphthalate	UG/KG	450 U	480 U	470 U	500 U	410 U
Di-n-octylphthalate	UG/KG	450 U	480 U	470 U	500 U	410 U
Fluoranthene	UG/KG	540	390 J	190 J	500 U	1,900
Fluorene	UG/KG	450 U (1,241)	480 U (1,241)	470 U (1,818)	500 U (1,679)	410 U (1,759)
Indeno(1,2,3-cd)pyrene	UG/KG	450 U	480 U	470 U	500 U	330 J

Criteria- NYSDEC Technical Guidance for Screening Contaminated Sediments, Benthic Acute Toxicity, January 25, 1999.

(NV) - No Calculable Value, TOC Not Detected

Flags assigned during chemistry validation are shown.



Concentration Exceeds Criteria.

J - The reported concentration is an estimated value.
D - Result reported from a secondary dilution analysis.
U - Not detected above the reported quantitation limit.
NA - Not Analyzed

Only Detected Results Reported.

Detection Limits shown are PQL

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TABLE 4-24
SUMMARY OF DETECTED RI SEDIMENT ANALYTICAL RESULTS - BENTHIC ACUTE PROTECTION
NYSEG - FORMER TRANSIT STREET MGP SITE
LOCKPORT, NEW YORK

Location ID		SED-04	SED-04	SED-05	SED-05	SED-06
Sample ID		SED-4 0-1	SED4 3.5-4	SED-5 0-1	SED5 3.5-4	SED-06 0-1
Matrix		Sediment	Sediment	Sediment	Sediment	Sediment
Depth Interval (ft)		0.0-1.0	3.5-4.0	0.0-1.0	3.5-4.0	0.0-1.0
Date Sampled		04/09/05	04/09/05	04/09/05	04/09/05	04/11/05
Parameter	Units					
Semivolatile Organic Compounds						
Naphthalene	UG/KG	450 U (4,386)	480 U (4,386)	470 U (6,424)	500 U (5,934)	410 U (6,218)
Phenanthrene	UG/KG	300 J	220 J	470 U	500 U	740
Pyrene	UG/KG	440 J (149,175)	330 J (149,175)	470 U (218,498)	500 U (201,825)	1,400 (211,478)
Total Carcinogenic PAHs	UG/KG	1,040	460	ND	ND	4,890
Total Non-Carcinogenic PAHs	UG/KG	1,280	940	190	ND	4,960
Total Polycyclic Aromatic Hydrocarbons	UG/KG	2,320	1,400	190	ND	9,850
Total Semivolatile Organic Compounds	UG/KG	2,530	1,400	540	ND	10,180
Polychlorinated Biphenyls						
Aroclor 1242	UG/KG	23 U (46,934)	24 U (46,934)	120 U (68,744)	25 U (63,498)	21 U (66,535)
Aroclor 1248	UG/KG	200 (46,934)	110 (46,934)	950 (68,744)	67 (63,498)	390 (66,535)
Aroclor 1254	UG/KG	100 (46,934)	76 (46,934)	490 (68,744)	110 (63,498)	21 U (66,535)
Aroclor 1260	UG/KG	23 U (46,934)	44 (46,934)	120 U (68,744)	25 U (63,498)	21 U (66,535)
Total Polychlorinated Biphenyls	UG/KG	300 (46,934)	230 (46,934)	1,440 (68,744)	177 (63,498)	390 (66,535)
Miscellaneous Parameters						
Total Cyanide	MG/KG	1.5 U	1.2 U	0.96 U	1.3 U	1.6
Total Organic Carbon (TOC)	MG/KG	17,000	17,000	24,900	23,000	24,100
Solids, Percent	PERCENT	70.1	67.8	65.2	64.7	75.6
Total Cyanide (Secondary Lab)	MG/KG	NA	NA	NA	NA	0.264
Ferric/Ferrous Iron Cyanide Complex	MG/KG	NA	NA	NA	NA	0.203

Criteria- NYSDEC Technical Guidance for Screening Contaminated Sediments, Benthic Acute Toxicity, January 25, 1999.

(NV) - No Calculable Value, TOC Not Detected

Flags assigned during chemistry validation are shown.



Concentration Exceeds Criteria.

J - The reported concentration is an estimated value.

D - Result reported from a secondary dilution analysis.

U - Not detected above the reported quantitation limit.

NA - Not Analyzed

Only Detected Results Reported.

Detection Limits shown are PQL

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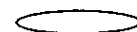
TABLE 4-24
SUMMARY OF DETECTED RI SEDIMENT ANALYTICAL RESULTS - BENTHIC ACUTE PROTECTION
NYSEG - FORMER TRANSIT STREET MGP SITE
LOCKPORT, NEW YORK

Location ID		SED-06	SED-07	SED-08	SED-09	SED-09
Sample ID		SED-06 1-2	SED-07 0-1	SED-08 0-1	SED-09 0-1	SED DUP 3
Matrix		Sediment	Sediment	Sediment	Sediment	Sediment
Depth Interval (ft)		1.0-2.0	0.0-1.0	0.0-1.0	0.0-1.0	3.0-4.0
Date Sampled		04/11/05	04/11/05	04/11/05	04/11/05	04/11/05
Parameter	Units					Field Duplicate (1-1)
Volatile Organic Compounds						
Benzene	UG/KG	6 U (2,482)	7 UJ (2,668)	8 U (2,503)	7 U (2,781)	8 U (3,028)
Total BTEX	UG/KG	ND	ND	ND	ND	ND
Semivolatile Organic Compounds						
Acenaphthene	UG/KG	410 U	460 U	260 J	490 U	520 U
Acenaphthylene	UG/KG	260 J	460 U	450	490 U	520 U
Anthracene	UG/KG	410 U (23,763)	460 U (25,537)	220 J (23,960)	490 U (26,622)	520 U (28,988)
Benzo(a)anthracene	UG/KG	890 (2,265)	460 U (2,435)	1,300 (2,284)	490 U (2,538)	520 U (2,764)
Benzo(a)pyrene	UG/KG	720	190 J	1,100	490 U	520 U
Benzo(b)fluoranthene	UG/KG	1,000	260 J	1,400	490 U	520 U
Benzo(g,h,i)perylene	UG/KG	410 U	460 U	600	490 U	520 U
Benzo(k)fluoranthene	UG/KG	1,000	460 U	1,400	490 U	520 U
bis(2-Ethylhexyl)phthalate	UG/KG	410 U	700	590	490 U	520 U
Butylbenzylphthalate	UG/KG	410 U	460 U	450 U	490 U	520 U
Carbazole	UG/KG	410 U	460 U	450 U	490 U	520 U
Chrysene	UG/KG	700	210 J	1,000	490 U	520 U
Dibenz(a,h)anthracene	UG/KG	410 U	460 U	450 U	490 U	520 U
Dibenzofuran	UG/KG	410 U	460 U	450 U	490 U	520 U
Di-n-butylphthalate	UG/KG	410 U	2,400	450 U	490 U	520 U
Di-n-octylphthalate	UG/KG	410 U	460 U	450 U	490 U	520 U
Fluoranthene	UG/KG	1,400	410 J	2,200	490 U	520 U
Fluorene	UG/KG	410 U (1,759)	460 U (1,891)	180 J (1,774)	490 U (1,971)	520 U (2,146)
Indeno(1,2,3-cd)pyrene	UG/KG	410 U	460 U	450	490 U	520 U

Criteria- NYSDEC Technical Guidance for Screening Contaminated Sediments, Benthic Acute Toxicity, January 25, 1999.

(NV) - No Calculable Value, TOC Not Detected

Flags assigned during chemistry validation are shown.

 Concentration Exceeds Criteria.

J - The reported concentration is an estimated value.

D - Result reported from a secondary dilution analysis.

U - Not detected above the reported quantitation limit.

NA - Not Analyzed

Only Detected Results Reported.

Detection Limits shown are PQL

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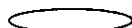
TABLE 4-24
SUMMARY OF DETECTED RI SEDIMENT ANALYTICAL RESULTS - BENTHIC ACUTE PROTECTION
NYSEG - FORMER TRANSIT STREET MGP SITE
LOCKPORT, NEW YORK

Location ID		SED-06	SED-07	SED-08	SED-09	SED-09
Sample ID		SED-06 1-2	SED-07 0-1	SED-08 0-1	SED-09 0-1	SED DUP 3
Matrix		Sediment	Sediment	Sediment	Sediment	Sediment
Depth Interval (ft)		1.0-2.0	0.0-1.0	0.0-1.0	0.0-1.0	3.0-4.0
Date Sampled		04/11/05	04/11/05	04/11/05	04/11/05	04/11/05
Parameter	Units					Field Duplicate (1-1)
Semivolatile Organic Compounds						
Naphthalene	UG/KG	410 U (6,218)	460 U (6,682)	450 U (6,269)	490 U (6,966)	520 U (7,585)
Phenanthrene	UG/KG	250 J	150 J	180 J	490 U	520 U
Pyrene	UG/KG	1,200 (211,478)	380 J (227,273)	2,400 (213,233)	490 U (236,925)	520 U (257,985)
Total Carcinogenic PAHs	UG/KG	4,310	660	6,650	ND	ND
Total Non-Carcinogenic PAHs	UG/KG	3,110	940	6,490	ND	ND
Total Polycyclic Aromatic Hydrocarbons	UG/KG	7,420	1,600	13,140	ND	ND
Total Semivolatile Organic Compounds	UG/KG	7,420	4,700	13,730	ND	ND
Polychlorinated Biphenyls						
Aroclor 1242	UG/KG	21 U (66,535)	110 U (71,505)	450 U (67,087)	24 U (74,542)	26 U (81,168)
Aroclor 1248	UG/KG	250 (66,535)	1,100 (71,505)	2,800 (67,087)	180 (74,542)	86 (81,168)
Aroclor 1254	UG/KG	21 U (66,535)	110 U (71,505)	450 U (67,087)	140 (74,542)	57 (81,168)
Aroclor 1260	UG/KG	21 U (66,535)	110 U (71,505)	450 U (67,087)	24 U (74,542)	26 U (81,168)
Total Polychlorinated Biphenyls	UG/KG	250 (66,535)	1,100 (71,505)	2,800 (67,087)	320 (74,542)	143 (81,168)
Miscellaneous Parameters						
Total Cyanide	MG/KG	1.3 U	1.3 U	1.3 U	1.5	1.4 U
Total Organic Carbon (TOC)	MG/KG	24,100	25,900	24,300	27,900	29,400
Solids, Percent	PERCENT	80.2	68.4	65.0	65.6	62.7
Total Cyanide (Secondary Lab)	MG/KG	NA	NA	NA	0.440	NA
Ferric/Ferrous Iron Cyanide Complex	MG/KG	NA	NA	NA	0.267	NA

Criteria- NYSDEC Technical Guidance for Screening Contaminated Sediments, Benthic Acute Toxicity, January 25, 1999.

(NV) - No Calculable Value, TOC Not Detected

Flags assigned during chemistry validation are shown.



Concentration Exceeds Criteria.

J - The reported concentration is an estimated value.

D - Result reported from a secondary dilution analysis.

U - Not detected above the reported quantitation limit.

NA - Not Analyzed

Only Detected Results Reported.

Detection Limits shown are PQL

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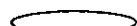
TABLE 4-24
SUMMARY OF DETECTED RI SEDIMENT ANALYTICAL RESULTS - BENTHIC ACUTE PROTECTION
NYSEG - FORMER TRANSIT STREET MGP SITE
LOCKPORT, NEW YORK

Location ID		SED-09	SED-10	SED-10	SED-11	SED-12
Sample ID		SED-09 3-4	SED-10 0-1	SED-10 1-2	S11 .5-1.5	SED-12 0-1
Matrix		Sediment	Sediment	Sediment	Sediment	Sediment
Depth Interval (ft)		3.0-4.0	0.0-1.0	1.0-2.0	0.5-1.5	0.0-1.0
Date Sampled		04/11/05	04/11/05	04/11/05	04/11/05	04/10/05
Parameter	Units					
Volatile Organic Compounds						
Benzene	UG/KG	8 U (2,966)	6 U (2,637)	7 U (2,688)	6 UJ (2,843)	8 U (2,802)
Total BTEX	UG/KG	ND	ND	ND	ND	ND
Semivolatile Organic Compounds						
Acenaphthene	UG/KG	500 U	410 U	420 U	430 U	2,100 U
Acenaphthylene	UG/KG	500 U	410 U	420 U	430 U	2,100 U
Anthracene	UG/KG	500 U (28,397)	410 U (25,242)	420 U (25,735)	430 U (27,214)	2,100 U (26,819)
Benzo(a)anthracene	UG/KG	500 U (2,707)	230 J (2,406)	420 U (2,453)	430 U (2,594)	2,100 U (2,557)
Benzo(a)pyrene	UG/KG	500 U	240 J	420 U	430 U	820 J
Benzo(b)fluoranthene	UG/KG	500 U	310 J	420 U	430 U	2,100 U
Benzo(g,h,i)perylene	UG/KG	500 U	410 U	420 U	430 U	2,100 U
Benzo(k)fluoranthene	UG/KG	500 U	410 U	420 U	430 U	2,100 U
bis(2-Ethylhexyl)phthalate	UG/KG	500 U	1,300	420 U	430 U	1,800 J
Butylbenzylphthalate	UG/KG	500 U	410 U	420 U	430 U	2,100 U
Carbazole	UG/KG	500 U	410 U	420 U	430 U	2,100 U
Chrysene	UG/KG	500 U	240 J	420 U	430 U	1,100 J
Dibenz(a,h)anthracene	UG/KG	500 U	410 U	420 U	430 U	2,100 U
Dibenzofuran	UG/KG	500 U	410 U	420 U	430 U	2,100 U
Di-n-butylphthalate	UG/KG	500 U	410 U	420 U	430 U	2,100 U
Di-n-octylphthalate	UG/KG	500 U	410 U	420 U	430 U	2,100 U
Fluoranthene	UG/KG	500 U	460	420 U	210 J	1,900 J
Fluorene	UG/KG	500 U (2,102)	410 U (1,869)	420 U (1,905)	430 U (2,015)	2,100 U (1,986)
Indeno(1,2,3-cd)pyrene	UG/KG	500 U	410 U	420 U	430 U	2,100 U

Criteria - NYSDEC Technical Guidance for Screening Contaminated Sediments, Benthic Acute Toxicity, January 25, 1999.

(NV) - No Calculable Value, TOC Not Detected

Flags assigned during chemistry validation are shown.

 Concentration Exceeds Criteria.

J - The reported concentration is an estimated value.

D - Result reported from a secondary dilution analysis.

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Only Detected Results Reported.

Detection Limits shown are PQL

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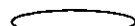
TABLE 4-24
SUMMARY OF DETECTED RI SEDIMENT ANALYTICAL RESULTS - BENTHIC ACUTE PROTECTION
NYSEG - FORMER TRANSIT STREET MGP SITE
LOCKPORT, NEW YORK

Location ID		SED-09	SED-10	SED-10	SED-11	SED-12
Sample ID		SED-09 3-4	SED-10 0-1	SED-10 1-2	S11.5-1.5	SED-12 0-1
Matrix		Sediment	Sediment	Sediment	Sediment	Sediment
Depth Interval (ft)		3.0-4.0	0.0-1.0	1.0-2.0	0.5-1.5	0.0-1.0
Date Sampled		04/11/05	04/11/05	04/11/05	04/11/05	04/10/05
Parameter	Units					
Semivolatile Organic Compounds						
Naphthalene	UG/KG	500 U (7,430)	410 U (6,605)	420 U (6,734)	430 U (7,121)	2,100 U (7,018)
Phenanthrene	UG/KG	500 U	140 J	420 U	430 U	830 J
Pyrene	UG/KG	500 U (252,720)	410 (224,640)	420 U (229,028)	190 J (242,190)	1,600 J (238,680)
Total Carcinogenic PAHs	UG/KG	ND	1,020	ND	ND	1,920
Total Non-Carcinogenic PAHs	UG/KG	ND	1,010	ND	400	4,330
Total Polycyclic Aromatic Hydrocarbons	UG/KG	ND	2,030	ND	400	6,250
Total Semivolatile Organic Compounds	UG/KG	ND	3,330	ND	400	8,050
Polychlorinated Biphenyls						
Aroclor 1242	UG/KG	25 U (79,511)	40 U (70,676)	21 U (72,057)	22 U (76,198)	27 U (75,094)
Aroclor 1248	UG/KG	27 (79,511)	400 (70,676)	240 (72,057)	190 (76,198)	330 (75,094)
Aroclor 1254	UG/KG	22 J (79,511)	270 (70,676)	120 (72,057)	98 (76,198)	150 (75,094)
Aroclor 1260	UG/KG	25 U (79,511)	40 U (70,676)	21 U (72,057)	22 U (76,198)	27 U (75,094)
Total Polychlorinated Biphenyls	UG/KG	49 (79,511)	670 (70,676)	360 (72,057)	288 (76,198)	480 (75,094)
Miscellaneous Parameters						
Total Cyanide	MG/KG	1.6 U	1.1 U	1.3 U	1.4 U	1.6 U
Total Organic Carbon (TOC)	MG/KG	28,800	25,600	26,100	27,600	27,200
Solids, Percent	PERCENT	62.3	74.5	73.5	74.9	60.3
Total Cyanide (Secondary Lab)	MG/KG	NA	NA	NA	NA	NA
Ferric/Ferrous Iron Cyanide Complex	MG/KG	NA	NA	NA	NA	NA

Criteria- NYSDEC Technical Guidance for Screening Contaminated Sediments, Benthic Acute Toxicity, January 25, 1999.

(NV) - No Calculable Value, TOC Not Detected

Flags assigned during chemistry validation are shown.

 Concentration Exceeds Criteria.

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D - Result reported from a secondary dilution analysis.

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Only Detected Results Reported.

Detection Limits shown are PQL

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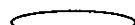
TABLE 4-24
SUMMARY OF DETECTED RI SEDIMENT ANALYTICAL RESULTS - BENTHIC ACUTE PROTECTION
NYSEG - FORMER TRANSIT STREET MGP SITE
LOCKPORT, NEW YORK

Location ID		SED-13	SED-13	SED-14	SED-14	SED-15
Sample ID		SED-13 0-1	SED-13 2-3	S14.5-1.5	S141.5-2.5	S15.5-1.5
Matrix		Sediment	Sediment	Sediment	Sediment	Sediment
Depth Interval (ft)		0.0-1.0	2.0-3.0	0.5-1.5	1.5-2.5	0.5-1.5
Date Sampled		04/10/05	04/10/05	04/10/05	04/10/05	04/10/05
Parameter	Units					
Volatile Organic Compounds						
Benzene	UG/KG	9 U (2,884)	7 U (3,327)	7 U (1,648)	7 U (1,803)	7 U (1,380)
Total BTEX	UG/KG	ND	ND	ND	ND	ND
Semivolatile Organic Compounds						
Acenaphthene	UG/KG	590 U	2,000 U	480 U	460 U	4,400 U
Acenaphthylene	UG/KG	590 U	2,000 U	480 U	460 U	2,100 J
Anthracene	UG/KG	590 U (27,608)	2,000 U (31,848)	480 U (15,776)	460 U (17,255)	4,400 U (13,212)
Benzo(a)anthracene	UG/KG	590 U (2,632)	2,000 U (3,036)	480 U (1,504)	460 U (1,645)	7,800 (1,260)
Benzo(a)pyrene	UG/KG	290 J	2,000 U	480 U	460 U	6,600
Benzo(b)fluoranthene	UG/KG	360 J	2,000 U	480 U	460 U	7,300
Benzo(g,h,i)perylene	UG/KG	590 U	2,000 U	480 U	460 U	4,400 U
Benzo(k)fluoranthene	UG/KG	590 U	2,000 U	480 U	460 U	2,200 J
bis(2-Ethylhexyl)phthalate	UG/KG	280 J	1,600 J	480 U	460 U	8,400
Butylbenzylphthalate	UG/KG	590 U	2,000 U	480 U	460 U	2,600 J
Carbazole	UG/KG	590 U	2,000 U	480 U	460 U	4,400 U
Chrysene	UG/KG	400 J	2,000 U	480 U	460 U	6,200
Dibenz(a,h)anthracene	UG/KG	590 U	2,000 U	480 U	460 U	4,400 U
Dibenzofuran	UG/KG	590 U	2,000 U	480 U	460 U	4,400 U
Di-n-butylphthalate	UG/KG	590 U	2,000 U	480 U	460 U	4,400 U
Di-n-octylphthalate	UG/KG	590 U	2,000 U	480 U	460 U	4,400 U
Fluoranthene	UG/KG	730	1,200 J	220 J	460 U	11,000
Fluorene	UG/KG	590 U (2,044)	2,000 U (2,358)	480 U (1,168)	460 U (1,278)	4,400 U (978)
Indeno(1,2,3-cd)pyrene	UG/KG	590 U	2,000 U	480 U	460 U	4,400 U

Criteria- NYSDEC Technical Guidance for Screening Contaminated Sediments, Benthic Acute Toxicity, January 25, 1999.

(NV) - No Calculable Value, TOC Not Detected

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 Concentration Exceeds Criteria.

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NA - Not Analyzed

Only Detected Results Reported.

Detection Limits shown are PQL

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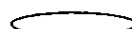
TABLE 4-24
SUMMARY OF DETECTED RI SEDIMENT ANALYTICAL RESULTS - BENTHIC ACUTE PROTECTION
NYSEG - FORMER TRANSIT STREET MGP SITE
LOCKPORT, NEW YORK

Location ID		SED-13	SED-13	SED-14	SED-14	SED-15
Sample ID		SED-13 0-1	SED-13 2-3	S14 .5-1.5	S141.5-2.5	S15 .5-1.5
Matrix		Sediment	Sediment	Sediment	Sediment	Sediment
Depth Interval (ft)		0.0-1.0	2.0-3.0	0.5-1.5	1.5-2.5	0.5-1.5
Date Sampled		04/10/05	04/10/05	04/10/05	04/10/05	04/10/05
Parameter	Units					
Semivolatile Organic Compounds						
Naphthalene	UG/KG	590 U (7,224)	2,000 U (8,333)	480 U (4,128)	460 U (4,515)	4,400 U (3,457)
Phenanthrene	UG/KG	360 J	2,000 U	480 U	460 U	4,200 J
Pyrene	UG/KG	590 (245,700)	1,000 J (283,433)	180 J (140,400)	460 U (153,563)	12,000 (117,585)
Total Carcinogenic PAHs	UG/KG	1,050	ND	ND	ND	30,100
Total Non-Carcinogenic PAHs	UG/KG	1,680	2,200	400	ND	29,300
Total Polycyclic Aromatic Hydrocarbons	UG/KG	2,730	2,200	400	ND	59,400
Total Semivolatile Organic Compounds	UG/KG	3,010	3,800	400	ND	70,400
Polychlorinated Biphenyls						
Aroclor 1242	UG/KG	30 U (77,302)	4,000 (89,174)	24 U (44,173)	23 U (48,314)	21,000 (36,995)
Aroclor 1248	UG/KG	53 (77,302)	250 U (89,174)	190 (44,173)	7.0 J (48,314)	2,200 U (36,995)
Aroclor 1254	UG/KG	31 (77,302)	970 (89,174)	24 U (44,173)	23 U (48,314)	16,000 (36,995)
Aroclor 1260	UG/KG	30 U (77,302)	250 U (89,174)	24 U (44,173)	23 U (48,314)	2,200 U (36,995)
Total Polychlorinated Biphenyls	UG/KG	84 (77,302)	4,970 (89,174)	190 (44,173)	7 (48,314)	37,000 (36,995)
Miscellaneous Parameters						
Total Cyanide	MG/KG	1.3 U	1.5 U	0.82 U	1.3 U	1.5 U
Total Organic Carbon (TOC)	MG/KG	28,000	32,300	16,000	17,500	13,400
Solids, Percent	PERCENT	54.9	63.9	69.2	66.3	68.4
Total Cyanide (Secondary Lab)	MG/KG	NA	NA	NA	NA	NA
Ferric/Ferrous Iron Cyanide Complex	MG/KG	NA	NA	NA	NA	NA

Criteria- NYSDEC Technical Guidance for Screening Contaminated Sediments, Benthic Acute Toxicity, January 25, 1999.

(NV) - No Calculable Value, TOC Not Detected

Flags assigned during chemistry validation are shown.

 Concentration Exceeds Criteria.

J - The reported concentration is an estimated value.

D - Result reported from a secondary dilution analysis.

U - Not detected above the reported quantitation limit.

NA - Not Analyzed

Only Detected Results Reported.

Detection Limits shown are PQL

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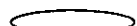
TABLE 4-24
SUMMARY OF DETECTED RI SEDIMENT ANALYTICAL RESULTS - BENTHIC ACUTE PROTECTION
NYSEG - FORMER TRANSIT STREET MGP SITE
LOCKPORT, NEW YORK

Location ID		SED-15	SED-16	SED-17	SED-18	SED-19
Sample ID		S151.5-2.5	SED-16 0-1	SED-17 0-1	SED-18 0-1	SED 19 0-1
Matrix		Sediment	Sediment	Sediment	Sediment	Sediment
Depth Interval (ft)		1.5-2.5	0.0-1.0	0.0-1.0	0.0-1.0	0.0-1.0
Date Sampled		04/10/05	04/09/05	04/09/05	04/09/05	04/11/05
Parameter	Units					
Volatile Organic Compounds						
Benzene	UG/KG	8 U (6,561)	6 U (1,092)	2 J (1,360)	6 U (2,936)	8 U (2,338)
Total BTEX	UG/KG	ND	ND	2	ND	ND
Semivolatile Organic Compounds						
Acenaphthene	UG/KG	1,100 J	270 J	410 U	260 J	510 U
Acenaphthylene	UG/KG	2,900 U	810	290 J	230 J	510 U
Anthracene	UG/KG	1,300 J (62,808)	870 (10,452)	370 J (13,015)	870 (28,101)	510 U (22,382)
Benzo(a)anthracene	UG/KG	2,300 J (5,988)	3,500 (996)	1,400 (1,241)	2,200 (2,679)	510 U (2,134)
Benzo(a)pyrene	UG/KG	2,000 J	3,500	1,400	1,900	190 J
Benzo(b)fluoranthene	UG/KG	1,400 J	3,700	1,600	2,700	310 J
Benzo(g,h,i)perylene	UG/KG	2,900 U	1,100	490	560	510 U
Benzo(k)fluoranthene	UG/KG	1,800 J	1,400	640	770	510 U
bis(2-Ethylhexyl)phthalate	UG/KG	2,000 J	350 J	410 U	4,800	270 J
Butylbenzylphthalate	UG/KG	2,900 U	440 U	410 U	400 U	510 U
Carbazole	UG/KG	2,900 U	420 J	410 U	340 J	510 U
Chrysene	UG/KG	2,700 J	3,200	1,200	2,000	310 J
Dibenz(a,h)anthracene	UG/KG	2,900 U	400 J	410 U	400 U	510 U
Dibenzofuran	UG/KG	2,900 U	150 J	410 U	200 J	510 U
Di-n-butylphthalate	UG/KG	2,900 U	440 U	410 U	390 J	510 U
Di-n-octylphthalate	UG/KG	2,900 U	440 U	410 U	400 U	510 U
Fluoranthene	UG/KG	4,800	4,900	2,200	4,800	580
Fluorene	UG/KG	2,900 U (4,650)	330 J (774)	160 J (964)	410 (2,081)	510 U (1,657)
Indeno(1,2,3-cd)pyrene	UG/KG	2,900 U	1,100	500	580	510 U

Criteria- NYSDCE Technical Guidance for Screening Contaminated Sediments, Benthic Acute Toxicity, January 25, 1999.

(NV) - No Calculable Value, TOC Not Detected

Flags assigned during chemistry validation are shown.

 Concentration Exceeds Criteria.

J - The reported concentration is an estimated value.

D - Result reported from a secondary dilution analysis.

U - Not detected above the reported quantitation limit.

NA - Not Analyzed

Only Detected Results Reported.

Detection Limits shown are PQL

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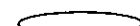
TABLE 4-24
SUMMARY OF DETECTED RI SEDIMENT ANALYTICAL RESULTS - BENTHIC ACUTE PROTECTION
NYSEG - FORMER TRANSIT STREET MGP SITE
LOCKPORT, NEW YORK

Location ID		SED-15	SED-16	SED-17	SED-18	SED-19
Sample ID		S151.5-2.5	SED-16 0-1	SED-17 0-1	SED-18 0-1	SED 19 0-1
Matrix		Sediment	Sediment	Sediment	Sediment	Sediment
Depth Interval (ft)		1.5-2.5	0.0-1.0	0.0-1.0	0.0-1.0	0.0-1.0
Date Sampled		04/10/05	04/09/05	04/09/05	04/09/05	04/11/05
Parameter	Units					
Semivolatile Organic Compounds						
Naphthalene	UG/KG	2,900 U (16,435)	160 J (2,735)	410 U (3,406)	140 J (7,353)	510 U (5,857)
Phenanthrene	UG/KG	6,500	2,400	1,000	2,900	270 J
Pyrene	UG/KG	4,300 (558,968)	4,000 (93,015)	2,000 (115,830)	4,000 (250,088)	440 J (199,193)
Total Carcinogenic PAHs	UG/KG	10,200	16,800	6,740	10,150	810
Total Non-Carcinogenic PAHs	UG/KG	18,000	14,840	6,510	14,170	1,290
Total Polycyclic Aromatic Hydrocarbons	UG/KG	28,200	31,640	13,250	24,320	2,100
Total Semivolatile Organic Compounds	UG/KG	30,200	32,560	13,250	30,050	2,370
Polychlorinated Biphenyls						
Aroclor 1242	UG/KG	590 U (175,863)	440 U (29,264)	21 U (36,443)	1,000 U (78,683)	26 U (62,670)
Aroclor 1248	UG/KG	8,200 (175,863)	9,200 (29,264)	230 (36,443)	20,000 (78,683)	120 (62,670)
Aroclor 1254	UG/KG	590 U (175,863)	440 U (29,264)	97 (36,443)	11,000 (78,683)	26 U (62,670)
Aroclor 1260	UG/KG	590 U (175,863)	440 U (29,264)	21 U (36,443)	1,000 U (78,683)	26 U (62,670)
Total Polychlorinated Biphenyls	UG/KG	8,200 (175,863)	9,200 (29,264)	327 (36,443)	31,000 (78,683)	120 (62,670)
Miscellaneous Parameters						
Total Cyanide	MG/KG	1.5 U	1.4	2.6	0.90 U	1.3 U
Total Organic Carbon (TOC)	MG/KG	63,700 J	10,600	13,200	28,500	22,700
Solids, Percent	PERCENT	46.8	76.7	77.0	76.8	58.2
Total Cyanide (Secondary Lab)	MG/KG	NA	0.368	0.200	NA	NA
Ferric/Ferrous Iron Cyanide Complex	MG/KG	NA	0.386	0.124	NA	NA

Criteria- NYSDEC Technical Guidance for Screening Contaminated Sediments, Benthic Acute Toxicity, January 25, 1999.

(NV) - No Calculable Value, TOC Not Detected

Flags assigned during chemistry validation are shown.

 Concentration Exceeds Criteria.

J - The reported concentration is an estimated value.

D - Result reported from a secondary dilution analysis.

U - Not detected above the reported quantitation limit.

NA - Not Analyzed

Only Detected Results Reported.

Detection Limits shown are PQL

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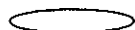
TABLE 4-24
SUMMARY OF DETECTED RI SEDIMENT ANALYTICAL RESULTS - BENTHIC ACUTE PROTECTION
NYSEG - FORMER TRANSIT STREET MGP SITE
LOCKPORT, NEW YORK

Location ID		SED-19	SED-20	SED-21	SED-22	SED-23
Sample ID		SED DUP 2	S-20 0-0.7	S-21 0-0.7	SED-22 2-3	SED-23 0-1
Matrix		Sediment	Sediment	Sediment	Sediment	Sediment
Depth Interval (ft)		0.0-1.0	0.0-0.7	0.0-0.7	2.0-3.0	0.0-1.0
Date Sampled		04/11/05	04/11/05	04/10/05	04/10/05	04/10/05
Parameter	Units	Field Duplicate (1-1)				
Volatile Organic Compounds						
Benzene	UG/KG	8 U (1,864)	7 U (1,679)	9 U (2,060)	7 U (7,292)	9 U (4,841)
Total BTEX	UG/KG	ND	ND	ND	ND	ND
Semivolatile Organic Compounds						
Acenaphthene	UG/KG	570 U	440 U	670 UJ	4,600 U	290 J
Acenaphthylene	UG/KG	570 U	440 U	670 UJ	4,600 U	330 J
Anthracene	UG/KG	570 U (17,847)	440 U (16,072)	670 UJ (19,720)	4,600 U (69,809)	840 (46,342)
Benzo(a)anthracene	UG/KG	570 U (1,701)	440 U (1,532)	860 J (1,880)	3,000 J (6,655)	3,000 (4,418)
Benzo(a)pyrene	UG/KG	570 U	190 J	770 J	2,700 J	2,800
Benzo(b)fluoranthene	UG/KG	340 J	330 J	930 J	4,000 J	4,000
Benzo(g,h,i)perylene	UG/KG	570 U	440 U	520 J	4,600 U	940
Benzo(k)fluoranthene	UG/KG	570 U	440 U	870 J	4,600 U	1,600
bis(2-Ethylhexyl)phthalate	UG/KG	360 J	300 J	440 J	9,200	28,000 D
Butylbenzylphthalate	UG/KG	570 U	440 U	670 UJ	4,600 U	1,300
Carbazole	UG/KG	570 U	440 U	670 UJ	4,600 U	310 J
Chrysene	UG/KG	280 J	280 J	1,600 J	2,900 J	3,000
Dibenz(a,h)anthracene	UG/KG	570 U	440 U	670 UJ	4,600 U	600 U
Dibenzofuran	UG/KG	570 U	440 U	670 UJ	4,600 U	600 U
Di-n-butylphthalate	UG/KG	570 U	440 U	670 UJ	4,600 U	600 U
Di-n-octylphthalate	UG/KG	66 J	440 U	93 J	4,600 U	2,300
Fluoranthene	UG/KG	530 J	400 J	1,900 J	7,000	5,800
Fluorene	UG/KG	570 U (1,321)	440 U (1,190)	670 UJ (1,460)	4,600 U (5,168)	380 J (3,431)
Indeno(1,2,3-cd)pyrene	UG/KG	570 U	440 U	520 J	4,600 U	920

Criteria- NYSDEC Technical Guidance for Screening Contaminated Sediments, Benthic Acute Toxicity, January 25, 1999.

(NV) - No Calculable Value, TOC Not Detected

Flags assigned during chemistry validation are shown.



Concentration Exceeds Criteria.

J - The reported concentration is an estimated value.

D - Result reported from a secondary dilution analysis.

U - Not detected above the reported quantitation limit.

NA - Not Analyzed

Only Detected Results Reported.

Detection Limits shown are PQL

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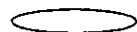
TABLE 4-24
SUMMARY OF DETECTED RI SEDIMENT ANALYTICAL RESULTS - BENTHIC ACUTE PROTECTION
NYSEG - FORMER TRANSIT STREET MGP SITE
LOCKPORT, NEW YORK

Location ID		SED-19	SED-20	SED-21	SED-22	SED-23
Sample ID		SED DUP 2	S-20 0-0.7	S-21 0-0.7	SED-22 2-3	SED-23 0-1
Matrix		Sediment	Sediment	Sediment	Sediment	Sediment
Depth Interval (ft)		0.0-1.0	0.0-0.7	0.0-0.7	2.0-3.0	0.0-1.0
Date Sampled		04/11/05	04/11/05	04/10/05	04/10/05	04/10/05
Parameter	Units	Field Duplicate (1-1)				
Semivolatile Organic Compounds						
Naphthalene	UG/KG	570 U (4,670)	440 U (4,205)	670 UJ (5,160)	4,600 U (18,266)	600 U (12,126)
Phenanthrene	UG/KG	250 J	140 J	710 J	4,500 J	3,200
Pyrene	UG/KG	410 J (158,828)	350 J (143,033)	1,600 J (175,500)	5,300 (621,270)	4,700 (412,425)
Total Carcinogenic PAHs	UG/KG	620	800	5,550	12,600	15,320
Total Non-Carcinogenic PAHs	UG/KG	1,190	890	4,730	16,800	16,480
Total Polycyclic Aromatic Hydrocarbons	UG/KG	1,810	1,690	10,280	29,400	31,800
Total Semivolatile Organic Compounds	UG/KG	2,236	1,990	10,813	38,600	63,710
Polychlorinated Biphenyls						
Aroclor 1242	UG/KG	28 U (49,970)	23 U (45,001)	84 J (55,216)	220,000 (195,465)	1,500 U (129,758)
Aroclor 1248	UG/KG	85 (49,970)	82 (45,001)	34 UJ (55,216)	12,000 U (195,465)	7,700 (129,758)
Aroclor 1254	UG/KG	28 U (49,970)	32 (45,001)	48 J (55,216)	90,000 (195,465)	6,100 (129,758)
Aroclor 1260	UG/KG	28 U (49,970)	23 U (45,001)	34 UJ (55,216)	12,000 U (195,465)	1,500 U (129,758)
Total Polychlorinated Biphenyls	UG/KG	85 (49,970)	114 (45,001)	132 (55,216)	310,000 (195,465)	13,800 (129,758)
Miscellaneous Parameters						
Total Cyanide	MG/KG	1.9 U	1.2 U	1.7 U	1.1 U	1.3 U
Total Organic Carbon (TOC)	MG/KG	18,100	16,300	20,000 J	70,800	47,000 J
Solids, Percent	PERCENT	56.7	73.1	47.2	64.0	48.8
Total Cyanide (Secondary Lab)	MG/KG	NA	NA	NA	NA	NA
Ferric/Ferrous Iron Cyanide Complex	MG/KG	NA	NA	NA	NA	NA

Criteria- NYSDEC Technical Guidance for Screening Contaminated Sediments, Benthic Acute Toxicity, January 25, 1999.

(NV) - No Calculable Value, TOC Not Detected

Flags assigned during chemistry validation are shown.

 Concentration Exceeds Criteria.

J - The reported concentration is an estimated value.

D - Result reported from a secondary dilution analysis.

U - Not detected above the reported quantitation limit.

NA - Not Analyzed

Only Detected Results Reported.

Detection Limits shown are PQL

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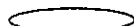
TABLE 4-24
SUMMARY OF DETECTED RI SEDIMENT ANALYTICAL RESULTS - BENTHIC ACUTE PROTECTION
NYSEG - FORMER TRANSIT STREET MGP SITE
LOCKPORT, NEW YORK

Location ID		SED-23	SED-23	SED-24	SED-24	SED-25
Sample ID		S231.5-2.5	SED DUP 1	SED-24 0-1	S241.5-2.5	SED 25 0-1
Matrix		Sediment	Sediment	Sediment	Sediment	Sediment
Depth Interval (ft)		1.5-2.5	1.5-2.5	0.0-1.0	1.5-2.5	0.0-1.0
Date Sampled		04/10/05	04/10/05	04/10/05	04/10/05	04/12/05
Parameter	Units		Field Duplicate (1-1)			
Volatile Organic Compounds						
Benzene	UG/KG	7 U (1,318)	7 U (826)	7 U (8,333)	6 U (1,803)	6 U (3,039)
Total BTEX	UG/KG	ND	ND	ND	ND	ND
Semivolatile Organic Compounds						
Acenaphthene	UG/KG	420 U	450 U	5,400 U	440 U	480
Acenaphthylene	UG/KG	420 U	450 U	5,400 U	440 U	1,700
Anthracene	UG/KG	420 U (12,621)	450 U (7,908)	5,400 U (79,767)	440 U (17,255)	1,000 (29,087)
Benzo(a)anthracene	UG/KG	420 U (1,203)	450 U (754)	2,900 J (7,605)	550 (1,645)	3,600 (2,773)
Benzo(a)pyrene	UG/KG	420 U	450 U	2,800 J	520	3,200
Benzo(b)fluoranthene	UG/KG	420 U	450 U	3,900 J	820	3,600
Benzo(g,h,i)perylene	UG/KG	420 U	450 U	5,400 U	440 U	960
Benzo(k)fluoranthene	UG/KG	420 U	450 U	5,400 U	230 J	1,200
bis(2-Ethylhexyl)phthalate	UG/KG	420 U	450 U	5,900	6,300	350 J
Butylbenzylphthalate	UG/KG	420 U	450 U	5,400 U	440 U	470 U
Carbazole	UG/KG	420 U	450 U	5,400 U	440 U	470 U
Chrysene	UG/KG	420 U	450 U	2,800 J	550	3,200
Dibenz(a,h)anthracene	UG/KG	420 U	450 U	5,400 U	440 U	330 J
Dibenzofuran	UG/KG	420 U	450 U	5,400 U	440 U	470 U
Di-n-butylphthalate	UG/KG	420 U	450 U	5,400 U	440 U	470 U
Di-n-octylphthalate	UG/KG	420 U	450 U	660 J	440 U	470 U
Fluoranthene	UG/KG	180 J	450 U	7,300	1,100	8,100 D
Fluorene	UG/KG	420 U (934)	450 U (585)	5,400 U (5,906)	440 U (1,278)	600 (2,154)
Indeno(1,2,3-cd)pyrene	UG/KG	420 U	450 U	5,400 U	440 U	840

Criteria- NYSDEC Technical Guidance for Screening Contaminated Sediments, Benthic Acute Toxicity, January 25, 1999.

(NV) - No Calculable Value, TOC Not Detected

Flags assigned during chemistry validation are shown.



Concentration Exceeds Criteria.

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D - Result reported from a secondary dilution analysis.

U - Not detected above the reported quantitation limit.

NA - Not Analyzed

Only Detected Results Reported.

Detection Limits shown are PQL

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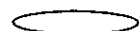
TABLE 4-24
SUMMARY OF DETECTED RI SEDIMENT ANALYTICAL RESULTS - BENTHIC ACUTE PROTECTION
NYSEG - FORMER TRANSIT STREET MGP SITE
LOCKPORT, NEW YORK

Location ID		SED-23	SED-23	SED-24	SED-24	SED-25
Sample ID		S231.5-2.5	SED DUP 1	SED-24 0-1	S241.5-2.5	SED 25 0-1
Matrix		Sediment	Sediment	Sediment	Sediment	Sediment
Depth Interval (ft)		1.5-2.5	1.5-2.5	0.0-1.0	1.5-2.5	0.0-1.0
Date Sampled		04/10/05	04/10/05	04/10/05	04/10/05	04/12/05
Parameter	Units		Field Duplicate (1-1)			
Semivolatile Organic Compounds						
Naphthalene	UG/KG	420 U (3,302)	450 U (2,069)	5,400 U (20,872)	440 U (4,515)	470 U (7,611)
Phenanthrene	UG/KG	420 U	450 U	5,800	580	1,600
Pyrene	UG/KG	420 U (112,320)	450 U (70,376)	5,100 J (709,898)	850 (153,563)	5,700 (258,863)
Total Carcinogenic PAHs	UG/KG	ND	ND	12,400	2,670	15,970
Total Non-Carcinogenic PAHs	UG/KG	180	ND	18,200	2,530	20,140
Total Polycyclic Aromatic Hydrocarbons	UG/KG	180	ND	30,600	5,200	36,110
Total Semivolatile Organic Compounds	UG/KG	180	ND	37,160	11,500	36,460
Polychlorinated Biphenyls						
Aroclor 1242	UG/KG	21 U (35,338)	23 U (22,142)	14,000 U (223,349)	4,600 (48,314)	120 U (81,444)
Aroclor 1248	UG/KG	44 (35,338)	21 J (22,142)	40,000 (223,349)	220 U (48,314)	860 (81,444)
Aroclor 1254	UG/KG	21 U (35,338)	23 U (22,142)	26,000 (223,349)	900 (48,314)	120 U (81,444)
Aroclor 1260	UG/KG	21 U (35,338)	23 U (22,142)	14,000 U (223,349)	220 U (48,314)	120 U (81,444)
Total Polychlorinated Biphenyls	UG/KG	44 (35,338)	21 (22,142)	66,000 (223,349)	5,500 (48,314)	860 (81,444)
Miscellaneous Parameters						
Total Cyanide	MG/KG	1.3 U	1.2 U	1.4 U	1.0 U	1.1 U
Total Organic Carbon (TOC)	MG/KG	12,800	8,020	80,900	17,500	29,500
Solids, Percent	PERCENT	74.6	76.4	62.8	80.8	75.8
Total Cyanide (Secondary Lab)	MG/KG	NA	NA	NA	NA	NA
Ferri/Ferrous Iron Cyanide Complex	MG/KG	NA	NA	NA	NA	NA

Criteria- NYSDEC Technical Guidance for Screening Contaminated Sediments, Benthic Acute Toxicity, January 25, 1999.

(NV) - No Calculable Value, TOC Not Detected

Flags assigned during chemistry validation are shown.



Concentration Exceeds Criteria.

J - The reported concentration is an estimated value.

D - Result reported from a secondary dilution analysis.

U - Not detected above the reported quantitation limit.

NA - Not Analyzed

Only Detected Results Reported.

Detection Limits shown are PQL.

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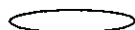
TABLE 4-24
SUMMARY OF DETECTED RI SEDIMENT ANALYTICAL RESULTS - BENTHIC ACUTE PROTECTION
NYSEG - FORMER TRANSIT STREET MGP SITE
LOCKPORT, NEW YORK

Location ID		SED-26	SED-26	SED-27	SED-28	SED-28
Sample ID		SED 26 0-1	SED 26 3-4	SED-27	SED 28 0-1	SED 28 1-2
Matrix		Sediment	Sediment	Sediment	Sediment	Sediment
Depth Interval (ft)		0.0-1.0	3.0-4.0	-	0.0-1.0	1.0-2.0
Date Sampled		04/12/05	04/12/05	04/09/05	04/12/05	04/12/05
Parameter	Units					
Volatile Organic Compounds						
Benzene	UG/KG	7 U (2,390)	8 U (3,049)	7 U (1,473)	6 U (2,637)	6 U (2,740)
Total BTEX	UG/KG	ND	ND	ND	ND	ND
Semivolatile Organic Compounds						
Acenaphthene	UG/KG	450 U	510 U	530 U	440 U	450 U
Acenaphthylene	UG/KG	450 U	510 U	530 U	440 U	450 U
Anthracene	UG/KG	450 U (22,875)	510 U (29,186)	530 U (14,100)	440 U (25,242)	450 U (26,228)
Benzo(a)anthracene	UG/KG	450 U (2,181)	510 U (2,782)	530 U (1,344)	440 U (2,406)	450 U (2,500)
Benzo(a)pyrene	UG/KG	450 U	510 U	530 U	160 J	450 U
Benzo(b)fluoranthene	UG/KG	450 U	510 U	530 U	300 J	450 U
Benzo(g,h,i)perylene	UG/KG	450 U	510 U	530 U	440 U	450 U
Benzo(k)fluoranthene	UG/KG	450 U	510 U	530 U	300 J	450 U
bis(2-Ethylhexyl)phthalate	UG/KG	450 U	230 J	530 U	1,100	280 J
Butylbenzylphthalate	UG/KG	450 U	510 U	530 U	440 U	450 U
Carbazole	UG/KG	450 U	510 U	530 U	440 U	450 U
Chrysene	UG/KG	450 U	510 U	530 U	440 U	450 U
Dibenz(a,h)anthracene	UG/KG	450 U	510 U	530 U	440 U	450 U
Dibenzofuran	UG/KG	450 U	510 U	530 U	440 U	450 U
Di-n-butylphthalate	UG/KG	450 U	510 U	530 U	440 U	450 U
Di-n-octylphthalate	UG/KG	450 U	56 J	530 U	440 U	450 U
Fluoranthene	UG/KG	450 U	260 J	530 U	330 J	220 J
Fluorene	UG/KG	450 U (1,694)	510 U (2,161)	530 U (1,044)	440 U (1,869)	450 U (1,942)
Indeno(1,2,3-cd)pyrene	UG/KG	450 U	510 U	530 U	440 U	450 U

Criteria- NYSDEC Technical Guidance for Screening Contaminated Sediments, Benthic Acute Toxicity, January 25, 1999.

(NV) - No Calculable Value, TOC Not Detected

Flags assigned during chemistry validation are shown.



Concentration Exceeds Criteria.

J - The reported concentration is an estimated value.

D - Result reported from a secondary dilution analysis.

U - Not detected above the reported quantitation limit.

NA - Not Analyzed

Only Detected Results Reported.

Detection Limits shown are PQL

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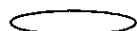
TABLE 4-24
SUMMARY OF DETECTED RI SEDIMENT ANALYTICAL RESULTS - BENTHIC ACUTE PROTECTION
NYSEG - FORMER TRANSIT STREET MGP SITE
LOCKPORT, NEW YORK

Location ID		SED-26	SED-26	SED-27	SED-28	SED-28
Sample ID		SED 26 0-1	SED 26 3-4	SED-27	SED 28 0-1	SED 28 1-2
Matrix		Sediment	Sediment	Sediment	Sediment	Sediment
Depth Interval (ft)		0.0-1.0	3.0-4.0	-	0.0-1.0	1.0-2.0
Date Sampled		04/12/05	04/12/05	04/09/05	04/12/05	04/12/05
Parameter	Units					
Semivolatile Organic Compounds						
Naphthalene	UG/KG	450 U (5,986)	510 U (7,637)	530 U (3,689)	440 U (6,605)	450 U (6,863)
Phenanthrene	UG/KG	450 U	150 J	530 U	130 J	450 U
Pyrene	UG/KG	450 U (203,580)	220 J (259,740)	530 U (125,483)	240 J (224,640)	170 J (233,415)
Total Carcinogenic PAHs	UG/KG	ND	ND	ND	760	ND
Total Non-Carcinogenic PAHs	UG/KG	ND	630	ND	700	390
Total Polycyclic Aromatic Hydrocarbons	UG/KG	ND	630	ND	1,460	390
Total Semivolatile Organic Compounds	UG/KG	ND	916	ND	2,560	670
Polychlorinated Biphenyls						
Aroclor 1242	UG/KG	23 U (64,051)	26 U (81,720)	28 U (39,479)	23 U (70,676)	23 U (73,437)
Aroclor 1248	UG/KG	69 (64,051)	360 (81,720)	29 (39,479)	350 (70,676)	480 (73,437)
Aroclor 1254	UG/KG	52 (64,051)	110 (81,720)	29 (39,479)	150 (70,676)	200 (73,437)
Aroclor 1260	UG/KG	23 U (64,051)	26 U (81,720)	18 J (39,479)	23 U (70,676)	23 U (73,437)
Total Polychlorinated Biphenyls	UG/KG	121 (64,051)	470 (81,720)	76 (39,479)	500 (70,676)	680 (73,437)
Miscellaneous Parameters						
Total Cyanide	MG/KG	1.3 U	1.5 U	0.95 U	1.3 U	1.4 U
Total Organic Carbon (TOC)	MG/KG	23,200	29,600	14,300	25,600	26,600
Solids, Percent	PERCENT	70.2	61.9	52.5	68.5	71.3
Total Cyanide (Secondary Lab)	MG/KG	NA	NA	NA	NA	NA
Ferric/Ferrous Iron Cyanide Complex	MG/KG	NA	NA	NA	NA	NA

Criteria- NYSDCE Technical Guidance for Screening Contaminated Sediments, Benthic Acute Toxicity, January 25, 1999.

(NV) - No Calculable Value, TOC Not Detected

Flags assigned during chemistry validation are shown.



Concentration Exceeds Criteria.

J - The reported concentration is an estimated value.

D - Result reported from a secondary dilution analysis.

U - Not detected above the reported quantitation limit.

NA - Not Analyzed

Only Detected Results Reported.

Detection Limits shown are PQL

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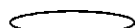
TABLE 4-24
SUMMARY OF DETECTED RI SEDIMENT ANALYTICAL RESULTS - BENTHIC ACUTE PROTECTION
NYSEG - FORMER TRANSIT STREET MGP SITE
LOCKPORT, NEW YORK

Location ID		SED-29	SED-30	SED-30	SED-31	SED-31
Sample ID		SED 29 0.5-1.5	SED 30 0-1	SED 30 1-2	SED 31 0-1	SED 31 1-2
Matrix		Sediment	Sediment	Sediment	Sediment	Sediment
Depth Interval (ft)		0.5-1.5	0.0-1.0	1.0-2.0	0.0-1.0	1.0-2.0
Date Sampled		04/12/05	04/12/05	04/12/05	04/12/05	04/12/05
Parameter	Units					
Volatile Organic Compounds						
Benzene	UG/KG	7 U (2,833)	7 U (2,688)	7 U (2,451)	6 U (2,781)	6 U (2,462)
Total BTEX	UG/KG	ND	ND	ND	ND	ND
Semivolatile Organic Compounds						
Acenaphthene	UG/KG	460 U	450 U	440 U	390 U	440 U
Acenaphthylene	UG/KG	140 J	450 U	440 U	390 U	440 U
Anthracene	UG/KG	310 J (27,115)	450 U (25,735)	440 U (23,467)	390 U (26,622)	440 U (23,565)
Benzo(a)anthracene	UG/KG	730 (2,585)	450 U (2,453)	330 J (2,237)	330 J (2,538)	440 U (2,247)
Benzo(a)pyrene	UG/KG	600	450 U	250 J	310 J	190 J
Benzo(b)fluoranthene	UG/KG	810	450 U	460	570	260 J
Benzo(g,h,i)perylene	UG/KG	460 U	450 U	440 U	390 U	440 U
Benzo(k)fluoranthene	UG/KG	460 U	450 U	460	570	440 U
bis(2-Ethylhexyl)phthalate	UG/KG	460 U	450 U	280 J	390 U	440 U
Butylbenzylphthalate	UG/KG	460 U	450 U	440 U	390 U	440 U
Carbazole	UG/KG	460 U	450 U	440 U	390 U	440 U
Chrysene	UG/KG	580	450 U	370 J	340 J	170 J
Dibenz(a,h)anthracene	UG/KG	460 U	450 U	440 U	390 U	440 U
Dibenzofuran	UG/KG	460 U	450 U	440 U	390 U	440 U
Di-n-butylphthalate	UG/KG	460 U	450 U	440 U	390 U	440 U
Di-n-octylphthalate	UG/KG	460 U	450 U	440 U	390 U	440 U
Fluoranthene	UG/KG	1,600	450 U	1,000	570	380 J
Fluorene	UG/KG	460 U (2,008)	450 U (1,905)	440 U (1,737)	390 U (1,971)	440 U (1,745)
Indeno(1,2,3-cd)pyrene	UG/KG	460 U	450 U	440 U	390 U	440 U

Criteria - NYSDEC Technical Guidance for Screening Contaminated Sediments, Benthic Acute Toxicity, January 25, 1999.

(NV) - No Calculable Value, TOC Not Detected

Flags assigned during chemistry validation are shown.



Concentration Exceeds Criteria.

J - The reported concentration is an estimated value.
D - Result reported from a secondary dilution analysis.
U - Not detected above the reported quantitation limit.
NA - Not Analyzed

Only Detected Results Reported.

Detection Limits shown are PQL

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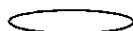
TABLE 4-24
SUMMARY OF DETECTED RI SEDIMENT ANALYTICAL RESULTS - BENTHIC ACUTE PROTECTION
NYSEG - FORMER TRANSIT STREET MGP SITE
LOCKPORT, NEW YORK

Location ID		SED-29	SED-30	SED-30	SED-31	SED-31
Sample ID		SED 29 0.5-1.5	SED 30 0-1	SED 30 1-2	SED 31 0-1	SED 31 1-2
Matrix		Sediment	Sediment	Sediment	Sediment	Sediment
Depth Interval (ft)		0.5-1.5	0.0-1.0	1.0-2.0	0.0-1.0	1.0-2.0
Date Sampled		04/12/05	04/12/05	04/12/05	04/12/05	04/12/05
Parameter	Units					
Semivolatile Organic Compounds						
Naphthalene	UG/KG	460 U (7,095)	450 U (6,734)	440 U (6,140)	390 U (6,966)	440 U (6,166)
Phenanthrene	UG/KG	790	450 U	440 U	210 J	140 J
Pyrene	UG/KG	1,000 (241,313)	450 U (229,028)	680 (208,845)	400 (236,925)	280 J (209,723)
Total Carcinogenic PAHs	UG/KG	2,720	ND	1,870	2,120	620
Total Non-Carcinogenic PAHs	UG/KG	3,840	ND	1,680	1,180	800
Total Polycyclic Aromatic Hydrocarbons	UG/KG	6,560	ND	3,550	3,300	1,420
Total Semivolatile Organic Compounds	UG/KG	6,560	ND	3,830	3,300	1,420
Polychlorinated Biphenyls						
Aroclor 1242	UG/KG	24 U (75,922)	23 U (72,057)	46 U (65,707)	190 U (74,542)	22 U (65,983)
Aroclor 1248	UG/KG	400 (75,922)	410 (72,057)	640 (65,707)	980 (74,542)	270 (65,983)
Aroclor 1254	UG/KG	170 (75,922)	23 U (72,057)	46 U (65,707)	1,300 (74,542)	120 (65,983)
Aroclor 1260	UG/KG	24 U (75,922)	23 U (72,057)	46 U (65,707)	190 U (74,542)	22 U (65,983)
Total Polychlorinated Biphenyls	UG/KG	570 (75,922)	410 (72,057)	640 (65,707)	2,280 (74,542)	390 (65,983)
Miscellaneous Parameters						
Total Cyanide	MG/KG	1.4 U	1.1 U	1.3 U	1.2 U	1.3 U
Total Organic Carbon (TOC)	MG/KG	27,500	26,100	23,800	27,000	23,900
Solids, Percent	PERCENT	71.6	71.0	68.4	77.1	78.6
Total Cyanide (Secondary Lab)	MG/KG	NA	NA	NA	NA	NA
Ferric/Ferrous Iron Cyanide Complex	MG/KG	NA	NA	NA	NA	NA

Criteria- NYSDC Technical Guidance for Screening Contaminated Sediments, Benthic Acute Toxicity, January 25, 1999.

(NV) - No Calculable Value, TOC Not Detected

Flags assigned during chemistry validation are shown.



Concentration Exceeds Criteria.

J - The reported concentration is an estimated value.

D - Result reported from a secondary dilution analysis.

U - Not detected above the reported quantitation limit.

NA - Not Analyzed

Only Detected Results Reported.

Detection Limits shown are PQL

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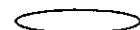
TABLE 4-24
SUMMARY OF DETECTED RI SEDIMENT ANALYTICAL RESULTS - BENTHIC ACUTE PROTECTION
NYSEG - FORMER TRANSIT STREET MGP SITE
LOCKPORT, NEW YORK

Location ID		SED-32	SED-32	SED-33	SED-34	SED-35
Sample ID		SED 32 0-1	SED 32 4-8	SED 33 0-1	SED 34 0-1	SED 35 0-1
Matrix		Sediment	Sediment	Sediment	Sediment	Sediment
Depth Interval (ft)		0.0-1.0	4.0-4.8	0.0-1.0	0.0-1.0	0.0-1.0
Date Sampled		04/12/05	04/12/05	04/12/05	04/12/05	04/12/05
Parameter	Units					
Volatile Organic Compounds						
Benzene	UG/KG	7 U (3,368)	8 U (3,059)	9 U (2,276)	7 U (1,597)	7 U (1,792)
Total BTEX	UG/KG	ND	ND	ND	ND	ND
Semivolatile Organic Compounds						
Acenaphthene	UG/KG	450 U	510 U	620 U	470 U	490 U
Acenaphthylene	UG/KG	450 U	510 U	620 U	470 U	490 U
Anthracene	UG/KG	450 U (32,242)	510 U (29,284)	620 U (21,791)	470 U (15,283)	490 U (17,156)
Benzo(a)anthracene	UG/KG	450 U (3,074)	570 (2,792)	620 U (2,077)	470 U (1,457)	490 U (1,636)
Benzo(a)pyrene	UG/KG	220 J	570	620 U	470 U	180 J
Benzo(b)fluoranthene	UG/KG	310 J	670	620 U	470 U	250 J
Benzo(g,h,i)perylene	UG/KG	450 U	510 U	620 U	470 U	490 U
Benzo(k)fluoranthene	UG/KG	450 U	510 U	620 U	470 U	490 U
bis(2-Ethylhexyl)phthalate	UG/KG	290 J	510 U	620 U	470 U	490 U
Butylbenzylphthalate	UG/KG	450 U	510 U	620 U	470 U	490 U
Carbazole	UG/KG	450 U	510 U	620 U	470 U	490 U
Chrysene	UG/KG	210 J	470 J	620 U	470 U	180 J
Dibenz(a,h)anthracene	UG/KG	450 U	510 U	620 U	470 U	490 U
Dibenzofuran	UG/KG	450 U	510 U	620 U	470 U	490 U
Di-n-butylphthalate	UG/KG	450 U	510 U	620 U	470 U	490 U
Di-n-octylphthalate	UG/KG	450 U	510 U	620 U	470 U	490 U
Fluoranthene	UG/KG	350 J	1,100	620 U	470 U	430 J
Fluorene	UG/KG	450 U (2,387)	510 U (2,168)	620 U (1,613)	470 U (1,132)	490 U (1,270)
Indeno(1,2,3-cd)pyrene	UG/KG	450 U	510 U	620 U	470 U	490 U

Criteria- NYSDEC Technical Guidance for Screening Contaminated Sediments, Benthic Acute Toxicity, January 25, 1999.

(NV) - No Calculable Value, TOC Not Detected

Flags assigned during chemistry validation are shown.



Concentration Exceeds Criteria.

J - The reported concentration is an estimated value.

D - Result reported from a secondary dilution analysis.

U - Not detected above the reported quantitation limit.

NA - Not Analyzed

Only Detected Results Reported.

Detection Limits shown are PQL

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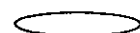
TABLE 4-24
SUMMARY OF DETECTED RI SEDIMENT ANALYTICAL RESULTS - BENTHIC ACUTE PROTECTION
NYSEG - FORMER TRANSIT STREET MGP SITE
LOCKPORT, NEW YORK

Location ID		SED-32	SED-32	SED-33	SED-34	SED-35
Sample ID		SED 32 0-1	SED 32 4-8	SED 33 0-1	SED 34 0-1	SED 35 0-1
Matrix		Sediment	Sediment	Sediment	Sediment	Sediment
Depth Interval (ft)		0.0-1.0	4.0-4.8	0.0-1.0	0.0-1.0	0.0-1.0
Date Sampled		04/12/05	04/12/05	04/12/05	04/12/05	04/12/05
Parameter	Units					
Semivolatile Organic Compounds						
Naphthalene	UG/KG	450 U (8,437)	510 U (7,663)	620 U (5,702)	470 U (3,999)	490 U (4,489)
Phenanthrene	UG/KG	140 J	320 J	620 U	470 U	200 J
Pyrene	UG/KG	270 J (286,943)	860 (260,618)	620 U (193,928)	470 U (136,013)	340 J (152,685)
Total Carcinogenic PAHs	UG/KG	740	2,280	ND	ND	610
Total Non-Carcinogenic PAHs	UG/KG	760	2,280	ND	ND	970
Total Polycyclic Aromatic Hydrocarbons	UG/KG	1,500	4,560	ND	ND	1,580
Total Semivolatile Organic Compounds	UG/KG	1,790	4,560	ND	ND	1,580
Polychlorinated Biphenyls						
Aroclor 1242	UG/KG	110 U (90,278)	26 U (81,996)	31 U (61,014)	23 U (42,792)	25 U (48,038)
Aroclor 1248	UG/KG	660 (90,278)	38 (81,996)	24 J (61,014)	160 (42,792)	43 (48,038)
Aroclor 1254	UG/KG	410 (90,278)	62 (81,996)	31 U (61,014)	79 (42,792)	29 (48,038)
Aroclor 1260	UG/KG	110 U (90,278)	26 U (81,996)	31 U (61,014)	23 U (42,792)	25 U (48,038)
Total Polychlorinated Biphenyls	UG/KG	1,070 (90,278)	100 (81,996)	24 (61,014)	239 (42,792)	72 (48,038)
Miscellaneous Parameters						
Total Cyanide	MG/KG	1.2 U	1.6 U	1.8 U	1.3 U	1.6 U
Total Organic Carbon (TOC)	MG/KG	32,700	29,700	22,100	15,500	17,400
Solids, Percent	PERCENT	68.8	65.6	50.3	71.6	64.8
Total Cyanide (Secondary Lab)	MG/KG	NA	NA	NA	NA	NA
Ferric/Ferrous Iron Cyanide Complex	MG/KG	NA	NA	NA	NA	NA

Criteria - NYSDEC Technical Guidance for Screening Contaminated Sediments, Benthic Acute Toxicity, January 25, 1999.

(NV) - No Calculable Value, TOC Not Detected

Flags assigned during chemistry validation are shown.



Concentration Exceeds Criteria.

J - The reported concentration is an estimated value.

D - Result reported from a secondary dilution analysis.

U - Not detected above the reported quantitation limit.

NA - Not Analyzed

Only Detected Results Reported.

Detection Limits shown are PQL

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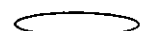
TABLE 4-24
SUMMARY OF DETECTED RI SEDIMENT ANALYTICAL RESULTS - BENTHIC ACUTE PROTECTION
NYSEG - FORMER TRANSIT STREET MGP SITE
LOCKPORT, NEW YORK

Location ID		SED-36
Sample ID		SED 36 0-1
Matrix		Sediment
Depth Interval (ft)		0.0-1.0
Date Sampled		04/12/05
Parameter	Units	
Volatile Organic Compounds		
Benzene	UG/KG	10 U (2,678)
Total BTEX	UG/KG	ND
Semivolatile Organic Compounds		
Acenaphthene	UG/KG	630 U
Acenaphthylene	UG/KG	630 U
Anthracene	UG/KG	630 U (25,636)
Benzo(a)anthracene	UG/KG	630 U (2,444)
Benzo(a)pyrene	UG/KG	630 U
Benzo(b)fluoranthene	UG/KG	630 U
Benzo(g,h,i)perylene	UG/KG	630 U
Benzo(k)fluoranthene	UG/KG	630 U
bis(2-Ethylhexyl)phthalate	UG/KG	630 U
Butylbenzylphthalate	UG/KG	630 U
Carbazole	UG/KG	630 U
Chrysene	UG/KG	630 U
Dibenz(a,h)anthracene	UG/KG	630 U
Dibenzofuran	UG/KG	630 U
Di-n-butylphthalate	UG/KG	630 U
Di-n-octylphthalate	UG/KG	630 U
Fluoranthene	UG/KG	630 U
Fluorene	UG/KG	630 U (1,898)
Indeno(1,2,3-cd)pyrene	UG/KG	630 U

Criteria- NYSDEC Technical Guidance for Screening Contaminated Sediments, Benthic Acute Toxicity, January 25, 1999.

(NV) - No Calculable Value, TOC Not Detected

Flags assigned during chemistry validation are shown.



Concentration Exceeds Criteria.

J - The reported concentration is an estimated value.

D - Result reported from a secondary dilution analysis.

U - Not detected above the reported quantitation limit.

NA - Not Analyzed

Only Detected Results Reported.

Detection Limits shown are PQL

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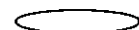
TABLE 4-24
SUMMARY OF DETECTED RI SEDIMENT ANALYTICAL RESULTS - BENTHIC ACUTE PROTECTION
NYSEG - FORMER TRANSIT STREET MGP SITE
LOCKPORT, NEW YORK

Location ID		SED-36
Sample ID		SED 36 0-1
Matrix		Sediment
Depth Interval (ft)		0.0-1.0
Date Sampled		04/12/05
Parameter	Units	
Semivolatile Organic Compounds		
Naphthalene	UG/KG	630 U (6,708)
Phenanthrene	UG/KG	630 U
Pyrene	UG/KG	630 U (228,150)
Total Carcinogenic PAHs	UG/KG	ND
Total Non-Carcinogenic PAHs	UG/KG	ND
Total Polycyclic Aromatic Hydrocarbons	UG/KG	ND
Total Semivolatile Organic Compounds	UG/KG	ND
Polychlorinated Biphenyls		
Aroclor 1242	UG/KG	32 U (71,781)
Aroclor 1248	UG/KG	17 J (71,781)
Aroclor 1254	UG/KG	32 U (71,781)
Aroclor 1260	UG/KG	32 U (71,781)
Total Polychlorinated Biphenyls	UG/KG	17 (71,781)
Miscellaneous Parameters		
Total Cyanide	MG/KG	1.6 U
Total Organic Carbon (TOC)	MG/KG	26,000
Solids, Percent	PERCENT	50.0
Total Cyanide (Secondary Lab)	MG/KG	NA
Ferric/Ferrous Iron Cyanide Complex	MG/KG	NA

Criteria- NYSDEC Technical Guidance for Screening Contaminated Sediments, Benthic Acute Toxicity, January 25, 1999.

(NV) - No Calculable Value, TOC Not Detected

Flags assigned during chemistry validation are shown.



Concentration Exceeds Criteria.

J - The reported concentration is an estimated value.

D - Result reported from a secondary dilution analysis.

U - Not detected above the reported quantitation limit.

NA - Not Analyzed

Only Detected Results Reported.

Detection Limits shown are PQL

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TABLE 4-25
SUMMARY OF DETECTED RI SEDIMENT ANALYTICAL RESULTS - BENTHIC CHRONIC PROTECTION
NYSEG - FORMER TRANSIT STREET MGP SITE
LOCKPORT, NEW YORK

Location ID		SED-01	SED-02	SED-02	SED-03	SED-03
Sample ID		SED-1	SED-2 0-1	SED2 2.5-3	SED-3 0-1	SED3 3.5-4
Matrix		Sediment	Sediment	Sediment	Sediment	Sediment
Depth Interval (ft)		0.0-1.0	0.0-1.0	2.5-3.0	0.0-1.0	3.5-4.0
Date Sampled		04/09/05	04/09/05	04/09/05	04/09/05	04/09/05
Parameter	Units					
Volatile Organic Compounds						
Benzene	UG/KG	8 U (588)	8 U (703)	8 U (473)	8 U (493)	8 U (566)
Total BTEX	UG/KG	ND	ND	ND	ND	ND
Semivolatile Organic Compounds						
Acenaphthene	UG/KG	490 U (2,940)	500 U (3,514)	480 U (2,366)	520 U (2,464)	530 U (2,828)
Acenaphthylene	UG/KG	490 U	500 U	480 U	520 U	530 U
Anthracene	UG/KG	490 U (2,247)	500 U (2,686)	480 U (1,808)	520 U (1,883)	530 U (2,161)
Benzo(a)anthracene	UG/KG	490 U (252)	500 U (301)	400 J (203)	520 U (211)	530 U (242)
Benzo(a)pyrene	UG/KG	180 J	500 U	420 J	520 U	190 J
Benzo(b)fluoranthene	UG/KG	240 J	500 U	620	520 U	260 J
Benzo(g,h,i)perylene	UG/KG	490 U	500 U	480 U	520 U	530 U
Benzo(k)fluoranthene	UG/KG	490 U	500 U	240 J	520 U	530 U
bis(2-Ethylhexyl)phthalate	UG/KG	490 U (4,190)	500 U (5,007)	540 (3,372)	1,600 (3,511)	3,400 (4,030)
Butylbenzylphthalate	UG/KG	490 U	500 U	320 J	520 U	530 U
Carbazole	UG/KG	490 U	500 U	480 U	520 U	530 U
Chrysene	UG/KG	490 U	500 U	370 J	520 U	530 U
Dibenz(a,h)anthracene	UG/KG	490 U	500 U	480 U	520 U	530 U
Dibenzofuran	UG/KG	490 U	500 U	480 U	520 U	530 U
Di-n-butylphthalate	UG/KG	490 U	500 U	480 U	520 U	530 U
Di-n-octylphthalate	UG/KG	490 U	500 U	310 J	210 J	530 U
Fluoranthene	UG/KG	420 J (21,420)	200 J (25,602)	750 (17,238)	290 J (17,952)	470 J (20,604)
Fluorene	UG/KG	490 U (168)	500 U (201)	480 U (135)	520 U (141)	530 U (162)
Indeno(1,2,3-cd)pyrene	UG/KG	490 U	500 U	480 U	520 U	530 U

Criteria- NYSDEC Technical Guidance for Screening Contaminated Sediments, Benthic Chronic Toxicity, January 25, 1999.

(NV) - No Calculable Value, TOC Not Detected

Flags assigned during chemistry validation are shown.

 Concentration Exceeds Criteria.

J - The reported concentration is an estimated value.

D - Result reported from a secondary dilution analysis.

U - Not detected above the reported quantitation limit.

NA - Not Analyzed

Only Detected Results Reported.

Detection Limits shown are PQL

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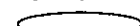
TABLE 4-25
SUMMARY OF DETECTED RI SEDIMENT ANALYTICAL RESULTS - BENTHIC CHRONIC PROTECTION
NYSEG - FORMER TRANSIT STREET MGP SITE
LOCKPORT, NEW YORK

Location ID		SED-01	SED-02	SED-02	SED-03	SED-03
Sample ID		SED-1	SED-2 0-1	SED2 2.5-3	SED-3 0-1	SED3 3.5-4
Matrix		Sediment	Sediment	Sediment	Sediment	Sediment
Depth Interval (ft)		0.0-1.0	0.0-1.0	2.5-3.0	0.0-1.0	3.5-4.0
Date Sampled		04/09/05	04/09/05	04/09/05	04/09/05	04/09/05
Parameter	Units					
Semivolatile Organic Compounds						
Naphthalene	UG/KG	490 U (630)	500 U (753)	480 U (507)	520 U (528)	530 U (606)
Phenanthrene	UG/KG	340 J (2,520)	500 U (3,012)	350 J (2,028)	520 U (2,112)	280 J (2,424)
Pyrene	UG/KG	330 J (20,181)	500 U (24,121)	670 (16,241)	220 J (16,914)	390 J (19,412)
Total Carcinogenic PAHs	UG/KG	420	ND	2,050	ND	450
Total Non-Carcinogenic PAHs	UG/KG	1,090	200	1,770	510	1,140
Total Polycyclic Aromatic Hydrocarbons	UG/KG	1,510	200	3,820	510	1,590
Total Semivolatile Organic Compounds	UG/KG	1,510	200	4,990	2,320	4,990
Polychlorinated Biphenyls						
Aroclor 1242	UG/KG	25 U (405)	26 U (484)	120 U (326)	25 U (340)	2,400 (390)
Aroclor 1248	UG/KG	57 (405)	65 (484)	1,400 (326)	140 (340)	1,700 (390)
Aroclor 1254	UG/KG	33 (405)	40 (484)	810 (326)	81 (340)	860 (390)
Aroclor 1260	UG/KG	13 J (405)	26 U (484)	120 U (326)	25 U (340)	600 (390)
Total Polychlorinated Biphenyls	UG/KG	103 (405)	105 (484)	2,210 (326)	221 (340)	5,560 (390)
Miscellaneous Parameters						
Total Cyanide	MG/KG	1.5 U	1.2 U	0.95 U	1.1 U	0.99 U
Total Organic Carbon (TOC)	MG/KG	21,000	25,100	16,900	17,600	20,200
Solids, Percent	PERCENT	63.0	61.8	74.4	64.3	61.2
Total Cyanide (Secondary Lab)	MG/KG	NA	NA	NA	NA	NA
Ferric/Ferrous Iron Cyanide Complex	MG/KG	NA	NA	NA	NA	NA

Criteria- NYSDC Technical Guidance for Screening Contaminated Sediments, Benthic Chronic Toxicity, January 25, 1999.

(NV) - No Calculable Value, TOC Not Detected

Flags assigned during chemistry validation are shown.

 Concentration Exceeds Criteria.

J - The reported concentration is an estimated value.

D - Result reported from a secondary dilution analysis.

U - Not detected above the reported quantitation limit.

NA - Not Analyzed

Only Detected Results Reported.

Detection Limits shown are PQL

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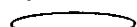
TABLE 4-25
SUMMARY OF DETECTED RI SEDIMENT ANALYTICAL RESULTS - BENTHIC CHRONIC PROTECTION
NYSEG - FORMER TRANSIT STREET MGP SITE
LOCKPORT, NEW YORK

Location ID		SED-04	SED-04	SED-05	SED-05	SED-06
Sample ID		SED-4 0-1	SED4 3.5-4	SED-5 0-1	SED5 3.5-4	SED-06 0-1
Matrix		Sediment	Sediment	Sediment	Sediment	Sediment
Depth Interval (ft)		0.0-1.0	3.5-4.0	0.0-1.0	3.5-4.0	0.0-1.0
Date Sampled		04/09/05	04/09/05	04/09/05	04/09/05	04/11/05
Parameter	Units					
Volatile Organic Compounds						
Benzene	UG/KG	7 U (476)	7 U (476)	7 U (697)	8 U (644)	6 U (675)
Total BTEX	UG/KG	ND	ND	ND	ND	ND
Semivolatile Organic Compounds						
Acenaphthene	UG/KG	450 U (2,380)	480 U (2,380)	470 U (3,486)	500 U (3,220)	410 U (3,374)
Acenaphthylene	UG/KG	450 U	480 U	470 U	500 U	290 J
Anthracene	UG/KG	450 U (1,819)	480 U (1,819)	470 U (2,664)	500 U (2,461)	260 J (2,579)
Benzo(a)anthracene	UG/KG	230 J (204)	480 U (204)	470 U (299)	500 U (276)	880 (289)
Benzo(a)pyrene	UG/KG	230 J	480 U	470 U	500 U	990
Benzo(b)fluoranthene	UG/KG	330 J	270 J	470 U	500 U	1,200
Benzo(g,h,i)perylene	UG/KG	450 U	480 U	470 U	500 U	370 J
Benzo(k)fluoranthene	UG/KG	450 U	480 U	470 U	500 U	390 J
bis(2-Ethylhexyl)phthalate	UG/KG	210 J (3,392)	480 U (3,392)	350 J (4,968)	500 U (4,589)	330 J (4,808)
Butylbenzylphthalate	UG/KG	450 U	480 U	470 U	500 U	410 U
Carbazole	UG/KG	450 U	480 U	470 U	500 U	410 U
Chrysene	UG/KG	250 J	190 J	470 U	500 U	1,100
Dibenz(a,h)anthracene	UG/KG	450 U	480 U	470 U	500 U	410 U
Dibenzofuran	UG/KG	450 U	480 U	470 U	500 U	410 U
Di-n-butylphthalate	UG/KG	450 U	480 U	470 U	500 U	410 U
Di-n-octylphthalate	UG/KG	450 U	480 U	470 U	500 U	410 U
Fluoranthene	UG/KG	540 (17,340)	390 J (17,340)	190 J (25,398)	500 U (23,460)	1,900 (24,582)
Fluorene	UG/KG	450 U (136)	480 U (136)	470 U (199)	500 U (184)	410 U (193)
Indeno(1,2,3-cd)pyrene	UG/KG	450 U	480 U	470 U	500 U	330 J

Criteria- NYSDEC Technical Guidance for Screening Contaminated Sediments, Benthic Chronic Toxicity, January 25, 1999.

(NV) - No Calculable Value, TOC Not Detected

Flags assigned during chemistry validation are shown.

 Concentration Exceeds Criteria.

J - The reported concentration is an estimated value.

D - Result reported from a secondary dilution analysis.

U - Not detected above the reported quantitation limit.

NA - Not Analyzed

Only Detected Results Reported.

Detection Limits shown are PQL

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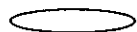
TABLE 4-25
SUMMARY OF DETECTED RI SEDIMENT ANALYTICAL RESULTS - BENTHIC CHRONIC PROTECTION
NYSEG - FORMER TRANSIT STREET MGP SITE
LOCKPORT, NEW YORK

Location ID		SED-04	SED-04	SED-05	SED-05	SED-06
Sample ID		SED-4 0-1	SED4 3.5-4	SED-5 0-1	SED5 3.5-4	SED-06 0-1
Matrix		Sediment	Sediment	Sediment	Sediment	Sediment
Depth Interval (ft)		0.0-1.0	3.5-4.0	0.0-1.0	3.5-4.0	0.0-1.0
Date Sampled		04/09/05	04/09/05	04/09/05	04/09/05	04/11/05
Parameter	Units					
Semivolatile Organic Compounds						
Naphthalene	UG/KG	450 U (510)	480 U (510)	470 U (747)	500 U (690)	410 U (723)
Phenanthrene	UG/KG	300 J (2,040)	220 J (2,040)	470 U (2,988)	500 U (2,760)	740 (2,892)
Pyrene	UG/KG	440 J (16,337)	330 J (16,337)	470 U (23,929)	500 U (22,103)	1,400 (23,160)
Total Carcinogenic PAHs	UG/KG	1,040	460	ND	ND	4,890
Total Non-Carcinogenic PAHs	UG/KG	1,280	940	190	ND	4,960
Total Polycyclic Aromatic Hydrocarbons	UG/KG	2,320	1,400	190	ND	9,850
Total Semivolatile Organic Compounds	UG/KG	2,530	1,400	540	ND	10,180
Polychlorinated Biphenyls						
Aroclor 1242	UG/KG	23 U (328)	24 U (328)	120 U (481)	25 U (444)	21 U (465)
Aroclor 1248	UG/KG	200 (328)	110 (328)	950 (481)	67 (444)	390 (465)
Aroclor 1254	UG/KG	100 (328)	76 (328)	490 (481)	110 (444)	21 U (465)
Aroclor 1260	UG/KG	23 U (328)	44 (328)	120 U (481)	25 U (444)	21 U (465)
Total Polychlorinated Biphenyls	UG/KG	300 (328)	230 (328)	1,440 (481)	177 (444)	390 (465)
Miscellaneous Parameters						
Total Cyanide	MG/KG	1.5 U	1.2 U	0.96 U	1.3 U	1.6
Total Organic Carbon (TOC)	MG/KG	17,000	17,000	24,900	23,000	24,100
Solids, Percent	PERCENT	70.1	67.8	65.2	64.7	75.6
Total Cyanide (Secondary Lab)	MG/KG	NA	NA	NA	NA	0.264
Ferric/Ferrous Iron Cyanide Complex	MG/KG	NA	NA	NA	NA	0.203

Criteria- NYSDEC Technical Guidance for Screening Contaminated Sediments, Benthic Chronic Toxicity, January 25, 1999.

(NV) - No Calculable Value, TOC Not Detected

Flags assigned during chemistry validation are shown.

 Concentration Exceeds Criteria.

J - The reported concentration is an estimated value.

D - Result reported from a secondary dilution analysis.

U - Not detected above the reported quantitation limit.

NA - Not Analyzed

Only Detected Results Reported.

Detection Limits shown are PQL

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TABLE 4-25
SUMMARY OF DETECTED RI SEDIMENT ANALYTICAL RESULTS - BENTHIC CHRONIC PROTECTION
NYSEG - FORMER TRANSIT STREET MGP SITE
LOCKPORT, NEW YORK

Location ID		SED-06	SED-07	SED-08	SED-09	SED-09
Sample ID		SED-06 1-2	SED-07 0-1	SED-08 0-1	SED-09 0-1	SED DUP 3
Matrix		Sediment	Sediment	Sediment	Sediment	Sediment
Depth Interval (ft)		1.0-2.0	0.0-1.0	0.0-1.0	0.0-1.0	3.0-4.0
Date Sampled		04/11/05	04/11/05	04/11/05	04/11/05	04/11/05
Parameter	Units					Field Duplicate (1-1)
Volatile Organic Compounds						
Benzene	UG/KG	6 U (675)	7 UJ (725)	8 U (680)	7 U (756)	8 U (823)
Total BTEX	UG/KG	ND	ND	ND	ND	ND
Semivolatile Organic Compounds						
Acenaphthene	UG/KG	410 U (3,374)	460 U (3,626)	260 J (3,402)	490 U (3,780)	520 U (4,116)
Acenaphthylene	UG/KG	260 J	460 U	450	490 U	520 U
Anthracene	UG/KG	410 U (2,579)	460 U (2,771)	220 J (2,600)	490 U (2,889)	520 U (3,146)
Benzo(a)anthracene	UG/KG	890 (289)	460 U (311)	1,300 (292)	490 U (324)	520 U (353)
Benzo(a)pyrene	UG/KG	720	190 J	1,100	490 U	520 U
Benzo(b)fluoranthene	UG/KG	1,000	260 J	1,400	490 U	520 U
Benzo(g,h,i)perylene	UG/KG	410 U	460 U	600	490 U	520 U
Benzo(k)fluoranthene	UG/KG	1,000	460 U	1,400	490 U	520 U
bis(2-Ethylhexyl)phthalate	UG/KG	410 U (4,808)	700 (5,167)	590 (4,848)	490 U (5,387)	520 U (5,865)
Butylbenzylphthalate	UG/KG	410 U	460 U	450 U	490 U	520 U
Carbazole	UG/KG	410 U	460 U	450 U	490 U	520 U
Chrysene	UG/KG	700	210 J	1,000	490 U	520 U
Dibenz(a,h)anthracene	UG/KG	410 U	460 U	450 U	490 U	520 U
Dibenzofuran	UG/KG	410 U	460 U	450 U	490 U	520 U
Di-n-butylphthalate	UG/KG	410 U	2,400	450 U	490 U	520 U
Di-n-octylphthalate	UG/KG	410 U	460 U	450 U	490 U	520 U
Fluoranthene	UG/KG	1,400 (24,582)	410 J (26,418)	2,200 (24,786)	490 U (27,540)	520 U (29,988)
Fluorene	UG/KG	410 U (193)	460 U (207)	180 J (194)	490 U (216)	520 U (235)
Indeno(1,2,3-cd)pyrene	UG/KG	410 U	460 U	450	490 U	520 U

Criteria- NYSDEC Technical Guidance for Screening Contaminated Sediments, Benthic Chronic Toxicity, January 25, 1999.

(NV) - No Calculable Value, TOC Not Detected

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 Concentration Exceeds Criteria.

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D - Result reported from a secondary dilution analysis.

U - Not detected above the reported quantitation limit.

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Only Detected Results Reported.

Detection Limits shown are PQL

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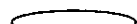
TABLE 4-25
SUMMARY OF DETECTED RI SEDIMENT ANALYTICAL RESULTS - BENTHIC CHRONIC PROTECTION
NYSEG - FORMER TRANSIT STREET MGP SITE
LOCKPORT, NEW YORK

Location ID		SED-06	SED-07	SED-08	SED-09	SED-09
Sample ID		SED-06 1-2	SED-07 0-1	SED-08 0-1	SED-09 0-1	SED DUP 3
Matrix		Sediment	Sediment	Sediment	Sediment	Sediment
Depth Interval (ft)		1.0-2.0	0.0-1.0	0.0-1.0	0.0-1.0	3.0-4.0
Date Sampled		04/11/05	04/11/05	04/11/05	04/11/05	04/11/05
Parameter	Units					Field Duplicate (1-1)
Semivolatile Organic Compounds						
Naphthalene	UG/KG	410 U (723)	460 U (777)	450 U (729)	490 U (810)	520 U (882)
Phenanthrene	UG/KG	250 J (2,892)	150 J (3,108)	180 J (2,916)	490 U (3,240)	520 U (3,528)
Pyrene	UG/KG	1,200 (23,160)	380 J (24,890)	2,400 (23,352)	490 U (25,947)	520 U (28,253)
Total Carcinogenic PAHs	UG/KG	4,310	660	6,650	ND	ND
Total Non-Carcinogenic PAHs	UG/KG	3,110	940	6,490	ND	ND
Total Polycyclic Aromatic Hydrocarbons	UG/KG	7,420	1,600	13,140	ND	ND
Total Semivolatile Organic Compounds	UG/KG	7,420	4,700	13,730	ND	ND
Polychlorinated Biphenyls						
Aroclor 1242	UG/KG	21 U (465)	110 U (500)	450 U (469)	24 U (521)	26 U (567)
Aroclor 1248	UG/KG	250 (465)	1,100 (500)	2,800 (469)	180 (521)	86 (567)
Aroclor 1254	UG/KG	21 U (465)	110 U (500)	450 U (469)	140 (521)	57 (567)
Aroclor 1260	UG/KG	21 U (465)	110 U (500)	450 U (469)	24 U (521)	26 U (567)
Total Polychlorinated Biphenyls	UG/KG	250 (465)	1,100 (500)	2,800 (469)	320 (521)	143 (567)
Miscellaneous Parameters						
Total Cyanide	MG/KG	1.3 U	1.3 U	1.3 U	1.5	1.4 U
Total Organic Carbon (TOC)	MG/KG	24,100	25,900	24,300	27,000	29,400
Solids, Percent	PERCENT	80.2	68.4	65.0	65.6	62.7
Total Cyanide (Secondary Lab)	MG/KG	NA	NA	NA	0.440	NA
Ferric/Ferrous Iron Cyanide Complex	MG/KG	NA	NA	NA	0.267	NA

Criteria- NYSDEC Technical Guidance for Screening Contaminated Sediments, Benthic Chronic Toxicity, January 25, 1999.

(NV) - No Calculable Value, TOC Not Detected

Flags assigned during chemistry validation are shown.

 Concentration Exceeds Criteria.

J - The reported concentration is an estimated value.

D - Result reported from a secondary dilution analysis.

U - Not detected above the reported quantitation limit.

NA - Not Analyzed

Only Detected Results Reported.

Detection Limits shown are PQL

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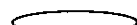
TABLE 4-25
SUMMARY OF DETECTED RI SEDIMENT ANALYTICAL RESULTS - BENTHIC CHRONIC PROTECTION
NYSEG - FORMER TRANSIT STREET MGP SITE
LOCKPORT, NEW YORK

Location ID		SED-09	SED-10	SED-10	SED-11	SED-12
Sample ID		SED-09 3-4	SED-10 0-1	SED-10 1-2	S11.5-1.5	SED-12 0-1
Matrix		Sediment	Sediment	Sediment	Sediment	Sediment
Depth Interval (ft)		3.0-4.0	0.0-1.0	1.0-2.0	0.5-1.5	0.0-1.0
Date Sampled		04/11/05	04/11/05	04/11/05	04/11/05	04/10/05
Parameter	Units					
Volatile Organic Compounds						
Benzene	UG/KG	8 U (806)	6 U (717)	7 U (731)	6 UJ (773)	8 U (762)
Total BTEX	UG/KG	ND	ND	ND	ND	ND
Semivolatile Organic Compounds						
Acenaphthene	UG/KG	500 U (4,032)	410 U (3,584)	420 U (3,654)	430 U (3,864)	2,100 U (3,808)
Acenaphthylene	UG/KG	500 U	410 U	420 U	430 U	2,100 U
Anthracene	UG/KG	500 U (3,082)	410 U (2,739)	420 U (2,793)	430 U (2,953)	2,100 U (2,910)
Benzo(a)anthracene	UG/KG	500 U (346)	230 J (307)	420 U (313)	430 U (331)	2,100 U (326)
Benzo(a)pyrene	UG/KG	500 U	240 J	420 U	430 U	820 J
Benzo(b)fluoranthene	UG/KG	500 U	310 J	420 U	430 U	2,100 U
Benzo(g,h,i)perylene	UG/KG	500 U	410 U	420 U	430 U	2,100 U
Benzo(k)fluoranthene	UG/KG	500 U	410 U	420 U	430 U	2,100 U
bis(2-Ethylhexyl)phthalate	UG/KG	500 U (5,746)	1,300 (5,107)	420 U (5,207)	430 U (5,506)	1,800 J (5,426)
Butylbenzylphthalate	UG/KG	500 U	410 U	420 U	430 U	2,100 U
Carbazole	UG/KG	500 U	410 U	420 U	430 U	2,100 U
Chrysene	UG/KG	500 U	240 J	420 U	430 U	1,100 J
Dibenz(a,h)anthracene	UG/KG	500 U	410 U	420 U	430 U	2,100 U
Dibenzofuran	UG/KG	500 U	410 U	420 U	430 U	2,100 U
Di-n-butylphthalate	UG/KG	500 U	410 U	420 U	430 U	2,100 U
Di-n-octylphthalate	UG/KG	500 U	410 U	420 U	430 U	2,100 U
Fluoranthene	UG/KG	500 U (29,376)	460 (26,112)	420 U (26,622)	210 J (28,152)	1,900 J (27,744)
Fluorene	UG/KG	500 U (230)	410 U (205)	420 U (209)	430 U (221)	2,100 U (218)
Indeno(1,2,3-cd)pyrene	UG/KG	500 U	410 U	420 U	430 U	2,100 U

Criteria- NYSDEC Technical Guidance for Screening Contaminated Sediments, Benthic Chronic Toxicity, January 25, 1999.

(NV) - No Calculable Value, TOC Not Detected

Flags assigned during chemistry validation are shown.

 Concentration Exceeds Criteria.

J - The reported concentration is an estimated value.

D - Result reported from a secondary dilution analysis.

U - Not detected above the reported quantitation limit.

NA - Not Analyzed

Only Detected Results Reported.

Detection Limits shown are PQL

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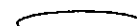
TABLE 4-25
SUMMARY OF DETECTED RI SEDIMENT ANALYTICAL RESULTS - BENTHIC CHRONIC PROTECTION
NYSEG - FORMER TRANSIT STREET MGP SITE
LOCKPORT, NEW YORK

Location ID		SED-09	SED-10	SED-10	SED-11	SED-12
Sample ID		SED-09 3-4	SED-10 0-1	SED-10 1-2	S11 .5-1.5	SED-12 0-1
Matrix		Sediment	Sediment	Sediment	Sediment	Sediment
Depth Interval (ft)		3.0-4.0	0.0-1.0	1.0-2.0	0.5-1.5	0.0-1.0
Date Sampled		04/11/05	04/11/05	04/11/05	04/11/05	04/10/05
Parameter	Units					
Semivolatile Organic Compounds						
Naphthalene	UG/KG	500 U (864)	410 U (768)	420 U (783)	430 U (828)	2,100 U (816)
Phenanthrene	UG/KG	500 U (3,456)	140 J (3,072)	420 U (3,132)	430 U (3,312)	830 J (3,264)
Pyrene	UG/KG	500 U (27,677)	410 (24,602)	420 U (25,082)	190 J (26,524)	1,600 J (26,139)
Total Carcinogenic PAHs	UG/KG	ND	1,020	ND	ND	1,920
Total Non-Carcinogenic PAHs	UG/KG	ND	1,010	ND	400	4,330
Total Polycyclic Aromatic Hydrocarbons	UG/KG	ND	2,030	ND	400	6,250
Total Semivolatile Organic Compounds	UG/KG	ND	3,330	ND	400	8,050
Polychlorinated Biphenyls						
Aroclor 1242	UG/KG	25 U (556)	40 U (494)	21 U (504)	22 U (533)	27 U (525)
Aroclor 1248	UG/KG	27 (556)	400 (494)	240 (504)	190 (533)	330 (525)
Aroclor 1254	UG/KG	22 J (556)	270 (494)	120 (504)	98 (533)	150 (525)
Aroclor 1260	UG/KG	25 U (556)	40 U (494)	21 U (504)	22 U (533)	27 U (525)
Total Polychlorinated Biphenyls	UG/KG	49 (556)	670 (494)	360 (504)	288 (533)	480 (525)
Miscellaneous Parameters						
Total Cyanide	MG/KG	1.6 U	1.1 U	1.3 U	1.4 U	1.6 U
Total Organic Carbon (TOC)	MG/KG	28,800	25,600	26,100	27,600	27,200
Solids, Percent	PERCENT	62.3	74.5	73.5	74.9	60.3
Total Cyanide (Secondary Lab)	MG/KG	NA	NA	NA	NA	NA
Ferric/Ferrous Iron Cyanide Complex	MG/KG	NA	NA	NA	NA	NA

Criteria- NYSDEC Technical Guidance for Screening Contaminated Sediments, Benthic Chronic Toxicity, January 25, 1999.

(NV) - No Calculable Value, TOC Not Detected

Flags assigned during chemistry validation are shown.

 Concentration Exceeds Criteria.

J - The reported concentration is an estimated value.

D - Result reported from a secondary dilution analysis.

U - Not detected above the reported quantitation limit.

NA - Not Analyzed

Only Detected Results Reported.

Detection Limits shown are PQL

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TABLE 4-25
SUMMARY OF DETECTED RI SEDIMENT ANALYTICAL RESULTS - BENTHIC CHRONIC PROTECTION
NYSEG - FORMER TRANSIT STREET MGP SITE
LOCKPORT, NEW YORK

Location ID		SED-13	SED-13	SED-14	SED-14	SED-15
Sample ID		SED-13 0-1	SED-13 2-3	S14 .5-1.5	S141.5-2.5	S15 .5-1.5
Matrix		Sediment	Sediment	Sediment	Sediment	Sediment
Depth Interval (ft)		0.0-1.0	2.0-3.0	0.5-1.5	1.5-2.5	0.5-1.5
Date Sampled		04/10/05	04/10/05	04/10/05	04/10/05	04/10/05
Parameter	Units					
Volatile Organic Compounds						
Benzene	UG/KG	9 U (784)	7 U (904)	7 U (448)	7 U (490)	7 U (375)
Total BTEX	UG/KG	ND	ND	ND	ND	ND
Semivolatile Organic Compounds						
Acenaphthene	UG/KG	590 U (3,920)	2,000 U (4,522)	480 U (2,240)	460 U (2,450)	4,400 U (1,876)
Acenaphthylene	UG/KG	590 U	2,000 U	480 U	460 U	2,100 J
Anthracene	UG/KG	590 U (2,996)	2,000 U (3,456)	480 U (1,712)	460 U (1,873)	4,400 U (1,434)
Benzo(a)anthracene	UG/KG	590 U (336)	2,000 U (388)	480 U (192)	460 U (210)	7,800 (161)
Benzo(a)pyrene	UG/KG	290 J	2,000 U	480 U	460 U	6,600
Benzo(b)fluoranthene	UG/KG	360 J	2,000 U	480 U	460 U	7,300
Benzo(g,h,i)perylene	UG/KG	590 U	2,000 U	480 U	460 U	4,400 U
Benzo(k)fluoranthene	UG/KG	590 U	2,000 U	480 U	460 U	2,200 J
bis(2-Ethylhexyl)phthalate	UG/KG	280 J (5,586)	1,600 J (6,444)	480 U (3,192)	460 U (3,491)	8,400 (2,673)
Butylbenzylphthalate	UG/KG	590 U	2,000 U	480 U	460 U	2,600 J
Carbazole	UG/KG	590 U	2,000 U	480 U	460 U	4,400 U
Chrysene	UG/KG	400 J	2,000 U	480 U	460 U	6,200
Dibenz(a,h)anthracene	UG/KG	590 U	2,000 U	480 U	460 U	4,400 U
Dibenzofuran	UG/KG	590 U	2,000 U	480 U	460 U	4,400 U
Di-n-butylphthalate	UG/KG	590 U	2,000 U	480 U	460 U	4,400 U
Di-n-octylphthalate	UG/KG	590 U	2,000 U	480 U	460 U	4,400 U
Fluoranthene	UG/KG	730 (28,560)	1,200 J (32,946)	220 J (16,320)	460 U (17,850)	11,000 (13,668)
Fluorene	UG/KG	590 U (224)	2,000 U (258)	480 U (128)	460 U (140)	4,400 U (107)
Indeno(1,2,3-cd)pyrene	UG/KG	590 U	2,000 U	480 U	460 U	4,400 U

Criteria- NYSDEC Technical Guidance for Screening Contaminated Sediments, Benthic Chronic Toxicity, January 25, 1999.

(NV) - No Calculable Value, TOC Not Detected

Flags assigned during chemistry validation are shown.

 Concentration Exceeds Criteria.

J - The reported concentration is an estimated value.

D - Result reported from a secondary dilution analysis.

U - Not detected above the reported quantitation limit.

NA - Not Analyzed

Only Detected Results Reported.

Detection Limits shown are PQL

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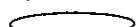
TABLE 4-25
SUMMARY OF DETECTED RI SEDIMENT ANALYTICAL RESULTS - BENTHIC CHRONIC PROTECTION
NYSEG - FORMER TRANSIT STREET MGP SITE
LOCKPORT, NEW YORK

Location ID		SED-13	SED-13	SED-14	SED-14	SED-15
Sample ID		SED-13 0-1	SED-13 2-3	S14.5-1.5	S141.5-2.5	S15.5-1.5
Matrix		Sediment	Sediment	Sediment	Sediment	Sediment
Depth Interval (ft)		0.0-1.0	2.0-3.0	0.5-1.5	1.5-2.5	0.5-1.5
Date Sampled		04/10/05	04/10/05	04/10/05	04/10/05	04/10/05
Parameter	Units					
Semivolatile Organic Compounds						
Naphthalene	UG/KG	590 U (840)	2,000 U (969)	480 U (480)	460 U (525)	4,400 U (402)
Phenanthrene	UG/KG	360 J (3,360)	2,000 U (3,876)	480 U (1,920)	460 U (2,100)	4,200 J (1,608)
Pyrene	UG/KG	590 (26,908)	1,000 J (31,040)	180 J (15,376)	460 U (16,818)	12,000 (12,877)
Total Carcinogenic PAHs	UG/KG	1,050	ND	ND	ND	30,100
Total Non-Carcinogenic PAHs	UG/KG	1,680	2,200	400	ND	29,300
Total Polycyclic Aromatic Hydrocarbons	UG/KG	2,730	2,200	400	ND	59,400
Total Semivolatile Organic Compounds	UG/KG	3,010	3,800	400	ND	70,400
Polychlorinated Biphenyls						
Aroclor 1242	UG/KG	30 U (540)	4,000 (623)	24 U (309)	23 U (338)	21,000 (259)
Aroclor 1248	UG/KG	53 (540)	250 U (623)	190 (309)	7.0 J (338)	2,200 U (259)
Aroclor 1254	UG/KG	31 (540)	970 (623)	24 U (309)	23 U (338)	16,000 (259)
Aroclor 1260	UG/KG	30 U (540)	250 U (623)	24 U (309)	23 U (338)	2,200 U (259)
Total Polychlorinated Biphenyls	UG/KG	84 (540)	4,970 (623)	190 (309)	7 (338)	37,000 (259)
Miscellaneous Parameters						
Total Cyanide	MG/KG	1.3 U	1.5 U	0.82 U	1.3 U	1.5 U
Total Organic Carbon (TOC)	MG/KG	28,000	32,300	16,000	17,500	13,400
Solids, Percent	PERCENT	54.9	63.9	69.2	66.3	68.4
Total Cyanide (Secondary Lab)	MG/KG	NA	NA	NA	NA	NA
Ferric/Ferrous Iron Cyanide Complex	MG/KG	NA	NA	NA	NA	NA

Criteria- NYSDEC Technical Guidance for Screening Contaminated Sediments, Benthic Chronic Toxicity, January 25, 1999.

(NV) - No Calculable Value, TOC Not Detected

Flags assigned during chemistry validation are shown.

 Concentration Exceeds Criteria.

J - The reported concentration is an estimated value.

D - Result reported from a secondary dilution analysis.

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NA - Not Analyzed

Only Detected Results Reported.

Detection Limits shown are PQL

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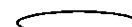
TABLE 4-25
SUMMARY OF DETECTED RI SEDIMENT ANALYTICAL RESULTS - BENTHIC CHRONIC PROTECTION
NYSEG - FORMER TRANSIT STREET MGP SITE
LOCKPORT, NEW YORK

Location ID		SED-15	SED-16	SED-17	SED-18	SED-19
Sample ID		S151.5-2.5	SED-16 0-1	SED-17 0-1	SED-18 0-1	SED 19 0-1
Matrix		Sediment	Sediment	Sediment	Sediment	Sediment
Depth Interval (ft)		1.5-2.5	0.0-1.0	0.0-1.0	0.0-1.0	0.0-1.0
Date Sampled		04/10/05	04/09/05	04/09/05	04/09/05	04/11/05
Parameter	Units					
Volatile Organic Compounds						
Benzene	UG/KG	8 U (1,784)	6 U (297)	2 J (370)	6 U (798)	8 U (636)
Total BTEX	UG/KG	ND	ND	2	ND	ND
Semivolatile Organic Compounds						
Acenaphthene	UG/KG	1,100 J (8,918)	270 J (1,484)	410 U (1,848)	260 J (3,990)	510 U (3,178)
Acenaphthylene	UG/KG	2,900 U	810	290 J	230 J	510 U
Anthracene	UG/KG	1,300 J (6,816)	870 (1,134)	370 J (1,412)	870 (3,050)	510 U (2,429)
Benzo(a)anthracene	UG/KG	2,300 J (764)	3,500 (127)	1,400 (158)	2,200 (342)	510 U (272)
Benzo(a)pyrene	UG/KG	2,000 J	3,500	1,400	1,900	190 J
Benzo(b)fluoranthene	UG/KG	1,400 J	3,700	1,600	2,700	310 J
Benzo(g,h,i)perylene	UG/KG	2,900 U	1,100	490	560	510 U
Benzo(k)fluoranthene	UG/KG	1,800 J	1,400	640	770	510 U
bis(2-Ethylhexyl)phthalate	UG/KG	2,000 J (12,708)	350 J (2,115)	410 U (2,633)	4,800 (5,686)	270 J (4,529)
Butylbenzylphthalate	UG/KG	2,900 U	440 U	410 U	400 U	510 U
Carbazole	UG/KG	2,900 U	420 J	410 U	340 J	510 U
Chrysene	UG/KG	2,700 J	3,200	1,200	2,000	310 J
Dibenz(a,h)anthracene	UG/KG	2,900 U	400 J	410 U	400 U	510 U
Dibenzofuran	UG/KG	2,900 U	150 J	410 U	200 J	510 U
Di-n-butylphthalate	UG/KG	2,900 U	440 U	410 U	390 J	510 U
Di-n-octylphthalate	UG/KG	2,900 U	440 U	410 U	400 U	510 U
Fluoranthene	UG/KG	4,800 (64,974)	4,900 (10,812)	2,200 (13,464)	4,800 (29,070)	580 (23,154)
Fluorene	UG/KG	2,900 U (510)	330 J (84.8)	160 J (106)	410 (228)	510 U (182)
Indeno(1,2,3-cd)pyrene	UG/KG	2,900 U	1,100	500	580	510 U

Criteria- NYSDEC Technical Guidance for Screening Contaminated Sediments, Benthic Chronic Toxicity, January 25, 1999.

(NV) - No Calculable Value, TOC Not Detected

Flags assigned during chemistry validation are shown.

 Concentration Exceeds Criteria.

J - The reported concentration is an estimated value.

D - Result reported from a secondary dilution analysis.

U - Not detected above the reported quantitation limit.

NA - Not Analyzed

Only Detected Results Reported.

Detection Limits shown are PQL

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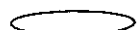
TABLE 4-25
SUMMARY OF DETECTED RI SEDIMENT ANALYTICAL RESULTS - BENTHIC CHRONIC PROTECTION
NYSEG - FORMER TRANSIT STREET MGP SITE
LOCKPORT, NEW YORK

Location ID		SED-15	SED-16	SED-17	SED-18	SED-19
Sample ID		S151.5-2.5	SED-16 0-1	SED-17 0-1	SED-18 0-1	SED 19 0-1
Matrix		Sediment	Sediment	Sediment	Sediment	Sediment
Depth Interval (ft)		1.5-2.5	0.0-1.0	0.0-1.0	0.0-1.0	0.0-1.0
Date Sampled		04/10/05	04/09/05	04/09/05	04/09/05	04/11/05
Parameter	Units					
Semivolatile Organic Compounds						
Naphthalene	UG/KG	2,900 U (1,911)	160 J (318)	410 U (396)	140 J (855)	510 U (681)
Phenanthrene	UG/KG	6,500 (7,644)	2,400 (1,272)	1,000 (1,584)	2,900 (3,420)	270 J (2,724)
Pyrene	UG/KG	4,300 (61,216)	4,000 (10,187)	2,000 (12,685)	4,000 (27,389)	440 J (21,815)
Total Carcinogenic PAHs	UG/KG	10,200	16,800	6,740	10,150	810
Total Non-Carcinogenic PAHs	UG/KG	18,000	14,840	6,510	14,170	1,290
Total Polycyclic Aromatic Hydrocarbons	UG/KG	28,200	31,640	13,250	24,320	2,100
Total Semivolatile Organic Compounds	UG/KG	30,200	32,560	13,250	30,050	2,370
Polychlorinated Biphenyls						
Aroclor 1242	UG/KG	590 U (1,229)	440 U (205)	21 U (255)	1,000 U (550)	26 U (438)
Aroclor 1248	UG/KG	8,200 (1,229)	9,200 (205)	230 (255)	20,000 (550)	120 (438)
Aroclor 1254	UG/KG	590 U (1,229)	440 U (205)	97 (255)	11,000 (550)	26 U (438)
Aroclor 1260	UG/KG	590 U (1,229)	440 U (205)	21 U (255)	1,000 U (550)	26 U (438)
Total Polychlorinated Biphenyls	UG/KG	8,200 (1,229)	9,200 (205)	327 (255)	31,000 (550)	120 (438)
Miscellaneous Parameters						
Total Cyanide	MG/KG	1.5 U	1.4	2.6	0.90 U	1.3 U
Total Organic Carbon (TOC)	MG/KG	63,700 J	10,600	13,200	28,500	22,700
Solids, Percent	PERCENT	46.8	76.7	77.0	76.8	58.2
Total Cyanide (Secondary Lab)	MG/KG	NA	0.368	0.200	NA	NA
Ferric/Ferrous Iron Cyanide Complex	MG/KG	NA	0.386	0.124	NA	NA

Criteria- NYSDEC Technical Guidance for Screening Contaminated Sediments, Benthic Chronic Toxicity, January 25, 1999.

(NV) - No Calculable Value, TOC Not Detected

Flags assigned during chemistry validation are shown.

 Concentration Exceeds Criteria.

J - The reported concentration is an estimated value.

D - Result reported from a secondary dilution analysis.

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Only Detected Results Reported.

Detection Limits shown are PQL

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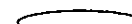
TABLE 4-25
SUMMARY OF DETECTED RI SEDIMENT ANALYTICAL RESULTS - BENTHIC CHRONIC PROTECTION
NYSEG - FORMER TRANSIT STREET MGP SITE
LOCKPORT, NEW YORK

Location ID		SED-19	SED-20	SED-21	SED-22	SED-23
Sample ID		SED DUP 2	S-20 0-0.7	S-21 0-0.7	SED-22 2-3	SED-23 0-1
Matrix		Sediment	Sediment	Sediment	Sediment	Sediment
Depth Interval (ft)		0.0-1.0	0.0-0.7	0.0-0.7	2.0-3.0	0.0-1.0
Date Sampled		04/11/05	04/11/05	04/10/05	04/10/05	04/10/05
Parameter	Units	Field Duplicate (1-1)				
Volatile Organic Compounds						
Benzene	UG/KG	8 U (507)	7 U (456)	9 U (560)	7 U (1,982)	9 U (1,316)
Total BTEX	UG/KG	ND	ND	ND	ND	ND
Semivolatile Organic Compounds						
Acenaphthene	UG/KG	570 U (2,534)	440 U (2,282)	670 UJ (2,800)	4,600 U (9,912)	290 J (6,580)
Acenaphthylene	UG/KG	570 U	440 U	670 UJ	4,600 U	330 J
Anthracene	UG/KG	570 U (1,937)	440 U (1,744)	670 UJ (2,140)	4,600 U (7,576)	840 (5,029)
Benzo(a)anthracene	UG/KG	570 U (217)	440 U (196)	860 J (240)	3,000 J (850)	3,000 (564)
Benzo(a)pyrene	UG/KG	570 U	190 J	770 J	2,700 J	2,800
Benzo(b)fluoranthene	UG/KG	340 J	330 J	930 J	4,000 J	4,000
Benzo(g,h,i)perylene	UG/KG	570 U	440 U	520 J	4,600 U	940
Benzo(k)fluoranthene	UG/KG	570 U	440 U	870 J	4,600 U	1,600
bis(2-Ethylhexyl)phthalate	UG/KG	360 J (3,611)	300 J (3,252)	440 J (3,990)	9,200 (14,125)	28,000 D (9,377)
Butylbenzylphthalate	UG/KG	570 U	440 U	670 UJ	4,600 U	1,300
Carbazole	UG/KG	570 U	440 U	670 UJ	4,600 U	310 J
Chrysene	UG/KG	280 J	280 J	1,600 J	2,900 J	3,000
Dibenz(a,h)anthracene	UG/KG	570 U	440 U	670 UJ	4,600 U	600 U
Dibenzofuran	UG/KG	570 U	440 U	670 UJ	4,600 U	600 U
Di-n-butylphthalate	UG/KG	570 U	440 U	670 UJ	4,600 U	600 U
Di-n-octylphthalate	UG/KG	66 J	440 U	93 J	4,600 U	2,300
Fluoranthene	UG/KG	530 J (18,462)	400 J (16,626)	1,900 J (20,400)	7,000 (72,216)	5,800 (47,940)
Fluorene	UG/KG	570 U (145)	440 U (130)	670 UJ (160)	4,600 U (566)	380 J (376)
Indeno(1,2,3-cd)pyrene	UG/KG	570 U	440 U	520 J	4,600 U	920

Criteria - NYSDEC Technical Guidance for Screening Contaminated Sediments, Benthic Chronic Toxicity, January 25, 1999.

(NV) - No Calculable Value, TOC Not Detected

Flags assigned during chemistry validation are shown.

 Concentration Exceeds Criteria.

J - The reported concentration is an estimated value.

D - Result reported from a secondary dilution analysis.

U - Not detected above the reported quantitation limit.

NA - Not Analyzed

Only Detected Results Reported.

Detection Limits shown are PQL.

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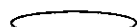
TABLE 4-25
SUMMARY OF DETECTED RI SEDIMENT ANALYTICAL RESULTS - BENTHIC CHRONIC PROTECTION
NYSEG - FORMER TRANSIT STREET MGP SITE
LOCKPORT, NEW YORK

Location ID		SED-19	SED-20	SED-21	SED-22	SED-23
Sample ID		SED DUP 2	S-20 0-0.7	S-21 0-0.7	SED-22 2-3	SED-23 0-1
Matrix		Sediment	Sediment	Sediment	Sediment	Sediment
Depth Interval (ft)		0.0-1.0	0.0-0.7	0.0-0.7	2.0-3.0	0.0-1.0
Date Sampled		04/11/05	04/11/05	04/10/05	04/10/05	04/10/05
Parameter	Units	Field Duplicate (1-1)				
Semivolatile Organic Compounds						
Naphthalene	UG/KG	570 U (543)	440 U (489)	670 UJ (600)	4,600 U (2,124)	600 U (1,410)
Phenanthrene	UG/KG	250 J (2,172)	140 J (1,956)	710 J (2,400)	4,500 J (8,496)	3,200 (5,640)
Pyrene	UG/KG	410 J (17,394)	350 J (15,664)	1,600 J (19,220)	5,300 (68,039)	4,700 (45,167)
Total Carcinogenic PAHs	UG/KG	620	800	5,550	12,600	15,320
Total Non-Carcinogenic PAHs	UG/KG	1,190	890	4,730	16,800	16,480
Total Polycyclic Aromatic Hydrocarbons	UG/KG	1,810	1,690	10,280	29,400	31,800
Total Semivolatile Organic Compounds	UG/KG	2,236	1,990	10,813	38,600	63,710
Polychlorinated Biphenyls						
Aroclor 1242	UG/KG	28 U (349)	23 U (315)	84 J (386)	220,000 (1,366)	1,500 U (907)
Aroclor 1248	UG/KG	85 (349)	82 (315)	34 UJ (386)	12,000 U (1,366)	7,700 (907)
Aroclor 1254	UG/KG	28 U (349)	32 (315)	48 J (386)	90,000 (1,366)	6,100 (907)
Aroclor 1260	UG/KG	28 U (349)	23 U (315)	34 UJ (386)	12,000 U (1,366)	1,500 U (907)
Total Polychlorinated Biphenyls	UG/KG	85 (349)	114 (315)	132 (386)	310,000 (1,366)	13,800 (907)
Miscellaneous Parameters						
Total Cyanide	MG/KG	1.9 U	1.2 U	1.7 U	1.1 U	1.3 U
Total Organic Carbon (TOC)	MG/KG	18,100	16,300	20,000 J	70,800	47,000 J
Solids, Percent	PERCENT	56.7	73.1	47.2	64.0	48.8
Total Cyanide (Secondary Lab)	MG/KG	NA	NA	NA	NA	NA
Ferric/Ferrous Iron Cyanide Complex	MG/KG	NA	NA	NA	NA	NA

Criteria- NYSDEC Technical Guidance for Screening Contaminated Sediments, Benthic Chronic Toxicity, January 25, 1999.

(NV) - No Calculable Value, TOC Not Detected

Flags assigned during chemistry validation are shown.

 Concentration Exceeds Criteria.

J - The reported concentration is an estimated value.

D - Result reported from a secondary dilution analysis.

U - Not detected above the reported quantitation limit.

NA - Not Analyzed

Only Detected Results Reported.

Detection Limits shown are PQL

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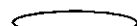
TABLE 4-25
SUMMARY OF DETECTED RI SEDIMENT ANALYTICAL RESULTS - BENTHIC CHRONIC PROTECTION
NYSEG - FORMER TRANSIT STREET MGP SITE
LOCKPORT, NEW YORK

Location ID		SED-23	SED-23	SED-24	SED-24	SED-25
Sample ID		S231.5-2.5	SED DUP 1	SED-24 0-1	S241.5-2.5	SED 25 0-1
Matrix		Sediment	Sediment	Sediment	Sediment	Sediment
Depth Interval (ft)		1.5-2.5	1.5-2.5	0.0-1.0	1.5-2.5	0.0-1.0
Date Sampled		04/10/05	04/10/05	04/10/05	04/10/05	04/12/05
Parameter	Units	Field Duplicate (1-1)				
Volatile Organic Compounds						
Benzene	UG/KG	7 U (358)	7 U (225)	7 U (2,265)	6 U (490)	6 U (826)
Total BTEX	UG/KG	ND	ND	ND	ND	ND
Semivolatile Organic Compounds						
Acenaphthene	UG/KG	420 U (1,792)	450 U (1,123)	5,400 U (11,326)	440 U (2,450)	480 (4,130)
Acenaphthylene	UG/KG	420 U	450 U	5,400 U	440 U	1,700
Anthracene	UG/KG	420 U (1,370)	450 U (858)	5,400 U (8,656)	440 U (1,873)	1,000 (3,157)
Benzo(a)anthracene	UG/KG	420 U (154)	450 U (96.2)	2,900 J (971)	550 (210)	3,600 (354)
Benzo(a)pyrene	UG/KG	420 U	450 U	2,800 J	520	3,200
Benzo(b)fluoranthene	UG/KG	420 U	450 U	3,900 J	820	3,600
Benzo(g,h,i)perylene	UG/KG	420 U	450 U	5,400 U	440 U	960
Benzo(k)fluoranthene	UG/KG	420 U	450 U	5,400 U	230 J	1,200
bis(2-Ethylhexyl)phthalate	UG/KG	420 U (2,554)	450 U (1,600)	5,900 (16,140)	6,300 (3,491)	350 J (5,885)
Butylbenzylphthalate	UG/KG	420 U	450 U	5,400 U	440 U	470 U
Carbazole	UG/KG	420 U	450 U	5,400 U	440 U	470 U
Chrysene	UG/KG	420 U	450 U	2,800 J	550	3,200
Dibenz(a,h)anthracene	UG/KG	420 U	450 U	5,400 U	440 U	330 J
Dibenzofuran	UG/KG	420 U	450 U	5,400 U	440 U	470 U
Di-n-butylphthalate	UG/KG	420 U	450 U	5,400 U	440 U	470 U
Di-n-octylphthalate	UG/KG	420 U	450 U	660 J	440 U	470 U
Fluoranthene	UG/KG	180 J (13,056)	450 U (8,180)	7,300 (82,518)	1,100 (17,850)	8,100 D (30,090)
Fluorene	UG/KG	420 U (102)	450 U (64.2)	5,400 U (647)	440 U (140)	600 (236)
Indeno(1,2,3-cd)pyrene	UG/KG	420 U	450 U	5,400 U	440 U	840

Criteria- NYSDEC Technical Guidance for Screening Contaminated Sediments, Benthic Chronic Toxicity, January 25, 1999.

(NV) - No Calculable Value, TOC Not Detected

Flags assigned during chemistry validation are shown.

 Concentration Exceeds Criteria.

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D - Result reported from a secondary dilution analysis.

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Only Detected Results Reported.

Detection Limits shown are PQL

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TABLE 4-25
SUMMARY OF DETECTED RI SEDIMENT ANALYTICAL RESULTS - BENTHIC CHRONIC PROTECTION
NYSEG - FORMER TRANSIT STREET MGP SITE
LOCKPORT, NEW YORK

Location ID		SED-23	SED-23	SED-24	SED-24	SED-25
Sample ID		S231.5-2.5	SED DUP 1	SED-24 0-1	S241.5-2.5	SED 25 0-1
Matrix		Sediment	Sediment	Sediment	Sediment	Sediment
Depth Interval (ft)		1.5-2.5	1.5-2.5	0.0-1.0	1.5-2.5	0.0-1.0
Date Sampled		04/10/05	04/10/05	04/10/05	04/10/05	04/12/05
Parameter	Units		Field Duplicate (1-1)			
Semivolatile Organic Compounds						
Naphthalene	UG/KG	420 U (384)	450 U (241)	5,400 U (2,427)	440 U (525)	470 U (885)
Phenanthrene	UG/KG	420 U (1,536)	450 U (962)	5,800 (9,708)	580 (2,100)	1,600 (3,540)
Pyrene	UG/KG	420 U (12,301)	450 U (7,707)	5,100 J (77,745)	850 (16,818)	5,700 (28,350)
Total Carcinogenic PAHs	UG/KG	ND	ND	12,400	2,670	15,970
Total Non-Carcinogenic PAHs	UG/KG	180	ND	18,200	2,530	20,140
Total Polycyclic Aromatic Hydrocarbons	UG/KG	180	ND	30,600	5,200	36,110
Total Semivolatile Organic Compounds	UG/KG	180	ND	37,160	11,500	36,460
Polychlorinated Biphenyls						
Aroclor 1242	UG/KG	21 U (247)	23 U (155)	14,000 U (1,561)	4,600 (338)	120 U (569)
Aroclor 1248	UG/KG	44 (247)	21 J (155)	40,000 (1,561)	220 U (338)	860 (569)
Aroclor 1254	UG/KG	21 U (247)	23 U (155)	26,000 (1,561)	900 (338)	120 U (569)
Aroclor 1260	UG/KG	21 U (247)	23 U (155)	14,000 U (1,561)	220 U (338)	120 U (569)
Total Polychlorinated Biphenyls	UG/KG	44 (247)	21 (155)	66,000 (1,561)	5,500 (338)	860 (569)
Miscellaneous Parameters						
Total Cyanide	MG/KG	1.3 U	1.2 U	1.4 U	1.0 U	1.1 U
Total Organic Carbon (TOC)	MG/KG	12,800	8,020	80,900	17,500	29,500
Solids, Percent	PERCENT	74.6	76.4	62.8	80.8	75.8
Total Cyanide (Secondary Lab)	MG/KG	NA	NA	NA	NA	NA
Ferric/Ferrous Iron Cyanide Complex	MG/KG	NA	NA	NA	NA	NA

Criteria- NYSDEC Technical Guidance for Screening Contaminated Sediments, Benthic Chronic Toxicity, January 25, 1999.

(NV) - No Calculable Value, TOC Not Detected

Flags assigned during chemistry validation are shown.

 Concentration Exceeds Criteria.

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Only Detected Results Reported.

Detection Limits shown are PQL

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TABLE 4-25
SUMMARY OF DETECTED RI SEDIMENT ANALYTICAL RESULTS - BENTHIC CHRONIC PROTECTION
NYSEG - FORMER TRANSIT STREET MGP SITE
LOCKPORT, NEW YORK

Location ID		SED-26	SED-26	SED-27	SED-28	SED-28
Sample ID		SED 26 0-1	SED 26 3-4	SED-27	SED 28 0-1	SED 28 1-2
Matrix		Sediment	Sediment	Sediment	Sediment	Sediment
Depth Interval (ft)		0.0-1.0	3.0-4.0	-	0.0-1.0	1.0-2.0
Date Sampled		04/12/05	04/12/05	04/09/05	04/12/05	04/12/05
Parameter	Units					
Volatile Organic Compounds						
Benzene	UG/KG	7 U (650)	8 U (829)	7 U (400)	6 U (717)	6 U (745)
Total BTEX	UG/KG	ND	ND	ND	ND	ND
Semivolatile Organic Compounds						
Acenaphthene	UG/KG	450 U (3,248)	510 U (4,144)	530 U (2,002)	440 U (3,584)	450 U (3,724)
Acenaphthylene	UG/KG	450 U	510 U	530 U	440 U	450 U
Anthracene	UG/KG	450 U (2,482)	510 U (3,167)	530 U (1,530)	440 U (2,739)	450 U (2,846)
Benzo(a)anthracene	UG/KG	450 U (278)	510 U (355)	530 U (172)	440 U (307)	450 U (319)
Benzo(a)pyrene	UG/KG	450 U	510 U	530 U	160 J	450 U
Benzo(b)fluoranthene	UG/KG	450 U	510 U	530 U	300 J	450 U
Benzo(g,h,i)perylene	UG/KG	450 U	510 U	530 U	440 U	450 U
Benzo(k)fluoranthene	UG/KG	450 U	510 U	530 U	300 J	450 U
bis(2-Ethylhexyl)phthalate	UG/KG	450 U (4,628)	230 J (5,905)	530 U (2,853)	1,100 (5,107)	280 J (5,307)
Butylbenzylphthalate	UG/KG	450 U	510 U	530 U	440 U	450 U
Carbazole	UG/KG	450 U	510 U	530 U	440 U	450 U
Chrysene	UG/KG	450 U	510 U	530 U	440 U	450 U
Dibenz(a,h)anthracene	UG/KG	450 U	510 U	530 U	440 U	450 U
Dibenzofuran	UG/KG	450 U	510 U	530 U	440 U	450 U
Di-n-butylphthalate	UG/KG	450 U	510 U	530 U	440 U	450 U
Di-n-octylphthalate	UG/KG	450 U	56 J	530 U	440 U	450 U
Fluoranthene	UG/KG	450 U (23,664)	260 J (30,192)	530 U (14,586)	330 J (26,112)	220 J (27,132)
Fluorene	UG/KG	450 U (186)	510 U (237)	530 U (114)	440 U (205)	450 U (213)
Indeno(1,2,3-cd)pyrene	UG/KG	450 U	510 U	530 U	440 U	450 U

Criteria- NYSDEC Technical Guidance for Screening Contaminated Sediments, Benthic Chronic Toxicity, January 25, 1999.

(NV) - No Calculable Value, TOC Not Detected

Flags assigned during chemistry validation are shown.

 Concentration Exceeds Criteria.

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D - Result reported from a secondary dilution analysis.

U - Not detected above the reported quantitation limit.

NA - Not Analyzed

Only Detected Results Reported.

Detection Limits shown are PQL

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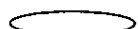
TABLE 4-25
SUMMARY OF DETECTED RI SEDIMENT ANALYTICAL RESULTS - BENTHIC CHRONIC PROTECTION
NYSEG - FORMER TRANSIT STREET MGP SITE
LOCKPORT, NEW YORK

Location ID		SED-26	SED-26	SED-27	SED-28	SED-28
Sample ID		SED 26 0-1	SED 26 3-4	SED-27	SED 28 0-1	SED 28 1-2
Matrix		Sediment	Sediment	Sediment	Sediment	Sediment
Depth Interval (ft)		0.0-1.0	3.0-4.0	-	0.0-1.0	1.0-2.0
Date Sampled		04/12/05	04/12/05	04/09/05	04/12/05	04/12/05
Parameter	Units					
Semivolatile Organic Compounds						
Naphthalene	UG/KG	450 U (696)	510 U (888)	530 U (429)	440 U (768)	450 U (798)
Phenanthrene	UG/KG	450 U (2,784)	150 J (3,552)	530 U (1,716)	130 J (3,072)	450 U (3,192)
Pyrene	UG/KG	450 U (22,295)	220 J (28,446)	530 U (13,742)	240 J (24,602)	170 J (25,563)
Total Carcinogenic PAHs	UG/KG	ND	ND	ND	760	ND
Total Non-Carcinogenic PAHs	UG/KG	ND	630	ND	700	390
Total Polycyclic Aromatic Hydrocarbons	UG/KG	ND	630	ND	1,460	390
Total Semivolatile Organic Compounds	UG/KG	ND	916	ND	2,560	670
Polychlorinated Biphenyls						
Aroclor 1242	UG/KG	23 U (448)	26 U (571)	28 U (276)	23 U (494)	23 U (513)
Aroclor 1248	UG/KG	69 (448)	360 (571)	29 (276)	350 (494)	480 (513)
Aroclor 1254	UG/KG	52 (448)	110 (571)	29 (276)	150 (494)	200 (513)
Aroclor 1260	UG/KG	23 U (448)	26 U (571)	18 J (276)	23 U (494)	23 U (513)
Total Polychlorinated Biphenyls	UG/KG	121 (448)	470 (571)	76 (276)	500 (494)	680 (513)
Miscellaneous Parameters						
Total Cyanide	MG/KG	1.3 U	1.5 U	0.95 U	1.3 U	1.4 U
Total Organic Carbon (TOC)	MG/KG	23,200	29,600	14,300	25,600	26,600
Solids, Percent	PERCENT	70.2	61.9	52.5	68.5	71.3
Total Cyanide (Secondary Lab)	MG/KG	NA	NA	NA	NA	NA
Ferric/Ferrous Iron Cyanide Complex	MG/KG	NA	NA	NA	NA	NA

Criteria - NYSDEC Technical Guidance for Screening Contaminated Sediments, Benthic Chronic Toxicity, January 25, 1999.

(NV) - No Calculable Value, TOC Not Detected

Flags assigned during chemistry validation are shown.

 Concentration Exceeds Criteria.

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Only Detected Results Reported.

Detection Limits shown are PQL

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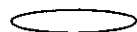
TABLE 4-25
SUMMARY OF DETECTED RI SEDIMENT ANALYTICAL RESULTS - BENTHIC CHRONIC PROTECTION
NYSEG - FORMER TRANSIT STREET MGP SITE
LOCKPORT, NEW YORK

Location ID		SED-29	SED-30	SED-30	SED-31	SED-31
Sample ID		SED 29 0.5-1.5	SED 30 0-1	SED 30 1-2	SED 31 0-1	SED 31 1-2
Matrix		Sediment	Sediment	Sediment	Sediment	Sediment
Depth Interval (ft)		0.5-1.5	0.0-1.0	1.0-2.0	0.0-1.0	1.0-2.0
Date Sampled		04/12/05	04/12/05	04/12/05	04/12/05	04/12/05
Parameter	Units					
Volatile Organic Compounds						
Benzene	UG/KG	7 U (770)	7 U (731)	7 U (666)	6 U (756)	6 U (669)
Total BTEX	UG/KG	ND	ND	ND	ND	ND
Semivolatile Organic Compounds						
Acenaphthene	UG/KG	460 U (3,850)	450 U (3,654)	440 U (3,332)	390 U (3,780)	440 U (3,346)
Acenaphthylene	UG/KG	140 J	450 U	440 U	390 U	440 U
Anthracene	UG/KG	310 J (2,943)	450 U (2,793)	440 U (2,547)	390 U (2,889)	440 U (2,557)
Benzo(a)anthracene	UG/KG	730 (330)	450 U (313)	330 J (286)	330 J (324)	440 U (287)
Benzo(a)pyrene	UG/KG	600	450 U	250 J	310 J	190 J
Benzo(b)fluoranthene	UG/KG	810	450 U	460	570	260 J
Benzo(g,h,i)perylene	UG/KG	460 U	450 U	440 U	390 U	440 U
Benzo(k)fluoranthene	UG/KG	460 U	450 U	460	570	440 U
bis(2-Ethylhexyl)phthalate	UG/KG	460 U (5,486)	450 U (5,207)	280 J (4,748)	390 U (5,387)	440 U (4,768)
Butylbenzylphthalate	UG/KG	460 U	450 U	440 U	390 U	440 U
Carbazole	UG/KG	460 U	450 U	440 U	390 U	440 U
Chrysene	UG/KG	580	450 U	370 J	340 J	170 J
Dibenz(a,h)anthracene	UG/KG	460 U	450 U	440 U	390 U	440 U
Dibenzofuran	UG/KG	460 U	450 U	440 U	390 U	440 U
Di-n-butylphthalate	UG/KG	460 U	450 U	440 U	390 U	440 U
Di-n-octylphthalate	UG/KG	460 U	450 U	440 U	390 U	440 U
Fluoranthene	UG/KG	1,600 (28,050)	450 U (26,622)	1,000 (24,276)	570 (27,540)	380 J (24,378)
Fluorene	UG/KG	460 U (220)	450 U (209)	440 U (190)	390 U (216)	440 U (191)
Indeno(1,2,3-cd)pyrene	UG/KG	460 U	450 U	440 U	390 U	440 U

Criteria- NYSDEC Technical Guidance for Screening Contaminated Sediments, Benthic Chronic Toxicity, January 25, 1999.

(NV) - No Calculable Value, TOC Not Detected

Flags assigned during chemistry validation are shown.

 Concentration Exceeds Criteria.

J - The reported concentration is an estimated value.

D - Result reported from a secondary dilution analysis.

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NA - Not Analyzed

Only Detected Results Reported.

Detection Limits shown are PQL

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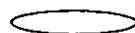
TABLE 4-25
SUMMARY OF DETECTED RI SEDIMENT ANALYTICAL RESULTS - BENTHIC CHRONIC PROTECTION
NYSEG - FORMER TRANSIT STREET MGP SITE
LOCKPORT, NEW YORK

Location ID		SED-29	SED-30	SED-30	SED-31	SED-31
Sample ID		SED 29 0.5-1.5	SED 30 0-1	SED 30 1-2	SED 31 0-1	SED 31 1-2
Matrix		Sediment	Sediment	Sediment	Sediment	Sediment
Depth Interval (ft)		0.5-1.5	0.0-1.0	1.0-2.0	0.0-1.0	1.0-2.0
Date Sampled		04/12/05	04/12/05	04/12/05	04/12/05	04/12/05
Parameter	Units					
Semivolatile Organic Compounds						
Naphthalene	UG/KG	460 U (825)	450 U (783)	440 U (714)	390 U (810)	440 U (717)
Phenanthrene	UG/KG	790 (3,300)	450 U (3,132)	440 U (2,856)	210 J (3,240)	140 J (2,868)
Pyrene	UG/KG	1,000 (26,428)	450 U (25,082)	680 (22,872)	400 (25,947)	280 J (22,968)
Total Carcinogenic PAHs	UG/KG	2,720	ND	1,870	2,120	620
Total Non-Carcinogenic PAHs	UG/KG	3,840	ND	1,680	1,180	800
Total Polycyclic Aromatic Hydrocarbons	UG/KG	6,560	ND	3,550	3,300	1,420
Total Semivolatile Organic Compounds	UG/KG	6,560	ND	3,830	3,300	1,420
Polychlorinated Biphenyls						
Aroclor 1242	UG/KG	24 U (531)	23 U (504)	46 U (459)	190 U (521)	22 U (461)
Aroclor 1248	UG/KG	400 (531)	410 (504)	640 (459)	980 (521)	270 (461)
Aroclor 1254	UG/KG	170 (531)	23 U (504)	46 U (459)	1,300 (521)	120 (461)
Aroclor 1260	UG/KG	24 U (531)	23 U (504)	46 U (459)	190 U (521)	22 U (461)
Total Polychlorinated Biphenyls	UG/KG	570 (531)	410 (504)	640 (459)	2,280 (521)	390 (461)
Miscellaneous Parameters						
Total Cyanide	MG/KG	1.4 U	1.1 U	1.3 U	1.2 U	1.3 U
Total Organic Carbon (TOC)	MG/KG	27,500	26,100	23,800	27,000	23,900
Solids, Percent	PERCENT	71.6	71.0	68.4	77.1	78.6
Total Cyanide (Secondary Lab)	MG/KG	NA	NA	NA	NA	NA
Ferric/Ferrous Iron Cyanide Complex	MG/KG	NA	NA	NA	NA	NA

Criteria- NYSDEC Technical Guidance for Screening Contaminated Sediments, Benthic Chronic Toxicity, January 25, 1999.

(NV) - No Calculable Value, TOC Not Detected

Flags assigned during chemistry validation are shown.

 Concentration Exceeds Criteria.

J - The reported concentration is an estimated value.

D - Result reported from a secondary dilution analysis.

U - Not detected above the reported quantitation limit.

NA - Not Analyzed

Only Detected Results Reported.

Detection Limits shown are PQL

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TABLE 4-25
SUMMARY OF DETECTED RI SEDIMENT ANALYTICAL RESULTS - BENTHIC CHRONIC PROTECTION
NYSEG - FORMER TRANSIT STREET MGP SITE
LOCKPORT, NEW YORK

Location ID		SED-32	SED-32	SED-33	SED-34	SED-35
Sample ID		SED 32 0-1	SED 32 4-4.8	SED 33 0-1	SED 34 0-1	SED 35 0-1
Matrix		Sediment	Sediment	Sediment	Sediment	Sediment
Depth Interval (ft)		0.0-1.0	4.0-4.8	0.0-1.0	0.0-1.0	0.0-1.0
Date Sampled		04/12/05	04/12/05	04/12/05	04/12/05	04/12/05
Parameter	Units					
Volatile Organic Compounds						
Benzene	UG/KG	7 U (916)	8 U (832)	9 U (619)	7 U (434)	7 U (487)
Total BTEX	UG/KG	ND	ND	ND	ND	ND
Semivolatile Organic Compounds						
Acenaphthene	UG/KG	450 U (4,578)	510 U (4,158)	620 U (3,094)	470 U (2,170)	490 U (2,436)
Acenaphthylene	UG/KG	450 U	510 U	620 U	470 U	490 U
Anthracene	UG/KG	450 U (3,499)	510 U (3,178)	620 U (2,365)	470 U (1,659)	490 U (1,862)
Benzo(a)anthracene	UG/KG	450 U (392)	570 (356)	620 U (265)	470 U (186)	490 U (209)
Benzo(a)pyrene	UG/KG	220 J	570	620 U	470 U	180 J
Benzo(b)fluoranthene	UG/KG	310 J	670	620 U	470 U	250 J
Benzo(g,h,i)perylene	UG/KG	450 U	510 U	620 U	470 U	490 U
Benzo(k)fluoranthene	UG/KG	450 U	510 U	620 U	470 U	490 U
bis(2-Ethylhexyl)phthalate	UG/KG	290 J (6,524)	510 U (5,925)	620 U (4,409)	470 U (3,092)	490 U (3,471)
Butylbenzylphthalate	UG/KG	450 U	510 U	620 U	470 U	490 U
Carbazole	UG/KG	450 U	510 U	620 U	470 U	490 U
Chrysene	UG/KG	210 J	470 J	620 U	470 U	180 J
Dibenz(a,h)anthracene	UG/KG	450 U	510 U	620 U	470 U	490 U
Dibenzofuran	UG/KG	450 U	510 U	620 U	470 U	490 U
Di-n-butylphthalate	UG/KG	450 U	510 U	620 U	470 U	490 U
Di-n-octylphthalate	UG/KG	450 U	510 U	620 U	470 U	490 U
Fluoranthene	UG/KG	350 J (33,354)	1,100 (30,294)	620 U (22,542)	470 U (15,810)	430 J (17,748)
Fluorene	UG/KG	450 U (262)	510 U (238)	620 U (177)	470 U (124)	490 U (139)
Indeno(1,2,3-cd)pyrene	UG/KG	450 U	510 U	620 U	470 U	490 U

Criteria- NYSDCE Technical Guidance for Screening Contaminated Sediments, Benthic Chronic Toxicity, January 25, 1999.

(NV) - No Calculable Value, TOC Not Detected

Flags assigned during chemistry validation are shown.

 Concentration Exceeds Criteria.

J - The reported concentration is an estimated value.

D - Result reported from a secondary dilution analysis.

U - Not detected above the reported quantitation limit.

NA - Not Analyzed

Only Detected Results Reported.

Detection Limits shown are PQL

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TABLE 4-25
SUMMARY OF DETECTED RI SEDIMENT ANALYTICAL RESULTS - BENTHIC CHRONIC PROTECTION
NYSEG - FORMER TRANSIT STREET MGP SITE
LOCKPORT, NEW YORK

Location ID		SED-32	SED-32	SED-33	SED-34	SED-35
Sample ID		SED 32 0-1	SED 32 4-4.8	SED 33 0-1	SED 34 0-1	SED 35 0-1
Matrix		Sediment	Sediment	Sediment	Sediment	Sediment
Depth Interval (ft)		0.0-1.0	4.0-4.8	0.0-1.0	0.0-1.0	0.0-1.0
Date Sampled		04/12/05	04/12/05	04/12/05	04/12/05	04/12/05
Parameter	Units					
Semivolatile Organic Compounds						
Naphthalene	UG/KG	450 U (981)	510 U (891)	620 U (663)	470 U (465)	490 U (522)
Phenanthrene	UG/KG	140 J (3,924)	320 J (3,564)	620 U (2,652)	470 U (1,860)	200 J (2,088)
Pyrene	UG/KG	270 J (31,425)	860 (28,542)	620 U (21,238)	470 U (14,896)	340 J (16,721)
Total Carcinogenic PAHs	UG/KG	740	2,280	ND	ND	610
Total Non-Carcinogenic PAHs	UG/KG	760	2,280	ND	ND	970
Total Polycyclic Aromatic Hydrocarbons	UG/KG	1,500	4,560	ND	ND	1,580
Total Semivolatile Organic Compounds	UG/KG	1,790	4,560	ND	ND	1,580
Polychlorinated Biphenyls						
Aroclor 1242	UG/KG	110 U (631)	26 U (573)	31 U (427)	23 U (299)	25 U (336)
Aroclor 1248	UG/KG	660 (631)	38 (573)	24 J (427)	160 (299)	43 (336)
Aroclor 1254	UG/KG	410 (631)	62 (573)	31 U (427)	79 (299)	29 (336)
Aroclor 1260	UG/KG	110 U (631)	26 U (573)	31 U (427)	23 U (299)	25 U (336)
Total Polychlorinated Biphenyls	UG/KG	1,070 (631)	100 (573)	24 (427)	239 (299)	72 (336)
Miscellaneous Parameters						
Total Cyanide	MG/KG	1.2 U	1.6 U	1.8 U	1.3 U	1.6 U
Total Organic Carbon (TOC)	MG/KG	32,700	29,700	22,100	15,500	17,400
Solids, Percent	PERCENT	68.8	65.6	50.3	71.6	64.8
Total Cyanide (Secondary Lab)	MG/KG	NA	NA	NA	NA	NA
Ferric/Ferrous Iron Cyanide Complex	MG/KG	NA	NA	NA	NA	NA

Criteria- NYSDEC Technical Guidance for Screening Contaminated Sediments, Benthic Chronic Toxicity, January 25, 1999.

(NV) - No Calculable Value, TOC Not Detected

Flags assigned during chemistry validation are shown.

 Concentration Exceeds Criteria.

J - The reported concentration is an estimated value.

D - Result reported from a secondary dilution analysis.

U - Not detected above the reported quantitation limit.

NA - Not Analyzed

Only Detected Results Reported.

Detection Limits shown are PQL

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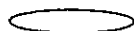
TABLE 4-25
SUMMARY OF DETECTED RI SEDIMENT ANALYTICAL RESULTS - BENTHIC CHRONIC PROTECTION
NYSEG - FORMER TRANSIT STREET MGP SITE
LOCKPORT, NEW YORK

Location ID		SED-36
Sample ID		SED 36 0-1
Matrix		Sediment
Depth Interval (ft)		0.0-1.0
Date Sampled		04/12/05
Parameter	Units	
Volatile Organic Compounds		
Benzene	UG/KG	10 U (728)
Total BTEX	UG/KG	ND
Semivolatile Organic Compounds		
Acenaphthene	UG/KG	630 U (3,640)
Acenaphthylene	UG/KG	630 U
Anthracene	UG/KG	630 U (2,782)
Benzo(a)anthracene	UG/KG	630 U (312)
Benzo(a)pyrene	UG/KG	630 U
Benzo(b)fluoranthene	UG/KG	630 U
Benzo(g,h,i)perylene	UG/KG	630 U
Benzo(k)fluoranthene	UG/KG	630 U
bis(2-Ethylhexyl)phthalate	UG/KG	630 U (5,187)
Butylbenzylphthalate	UG/KG	630 U
Carbazole	UG/KG	630 U
Chrysene	UG/KG	630 U
Dibenz(a,h)anthracene	UG/KG	630 U
Dibenzofuran	UG/KG	630 U
Di-n-butylphthalate	UG/KG	630 U
Di-n-octylphthalate	UG/KG	630 U
Fluoranthene	UG/KG	630 U (26,520)
Fluorene	UG/KG	630 U (208)
Indeno(1,2,3-cd)pyrene	UG/KG	630 U

Criteria- NYSDC Technical Guidance for Screening Contaminated Sediments, Benthic Chronic Toxicity, January 25, 1999.

(NV) - No Calculable Value, TOC Not Detected

Flags assigned during chemistry validation are shown.



Concentration Exceeds Criteria.

J - The reported concentration is an estimated value.

D - Result reported from a secondary dilution analysis.

U - Not detected above the reported quantitation limit.

NA - Not Analyzed

Only Detected Results Reported.

Detection Limits shown are PQL

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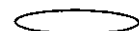
TABLE 4-25
SUMMARY OF DETECTED RI SEDIMENT ANALYTICAL RESULTS - BENTHIC CHRONIC PROTECTION
NYSEG - FORMER TRANSIT STREET MGP SITE
LOCKPORT, NEW YORK

Location ID		SED-36
Sample ID		SED 36 0-1
Matrix		Sediment
Depth Interval (ft)		0.0-1.0
Date Sampled		04/12/05
Parameter	Units	
Semivolatile Organic Compounds		
Naphthalene	UG/KG	630 U (780)
Phenanthrene	UG/KG	630 U (3,120)
Pyrene	UG/KG	630 U (24,986)
Total Carcinogenic PAHs	UG/KG	ND
Total Non-Carcinogenic PAHs	UG/KG	ND
Total Polycyclic Aromatic Hydrocarbons	UG/KG	ND
Total Semivolatile Organic Compounds	UG/KG	ND
Polychlorinated Biphenyls		
Aroclor 1242	UG/KG	32 U (502)
Aroclor 1248	UG/KG	17 J (502)
Aroclor 1254	UG/KG	32 U (502)
Aroclor 1260	UG/KG	32 U (502)
Total Polychlorinated Biphenyls	UG/KG	17 (502)
Miscellaneous Parameters		
Total Cyanide	MG/KG	1.6 U
Total Organic Carbon (TOC)	MG/KG	26,000
Solids, Percent	PERCENT	50.0
Total Cyanide (Secondary Lab)	MG/KG	NA
Ferric/Ferrous Iron Cyanide Complex	MG/KG	NA

Criteria- NYSDEC Technical Guidance for Screening Contaminated Sediments, Benthic Chronic Toxicity, January 25, 1999.

(NV) - No Calculable Value, TOC Not Detected

Flags assigned during chemistry validation are shown.



Concentration Exceeds Criteria.

J - The reported concentration is an estimated value.

D - Result reported from a secondary dilution analysis.

U - Not detected above the reported quantitation limit.

NA - Not Analyzed

Only Detected Results Reported.

Detection Limits shown are PQL

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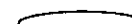
TABLE 4-26
SUMMARY OF DETECTED RI SEDIMENT ANALYTICAL RESULTS - HUMAN HEALTH
BIOACCUMULATION
NYSEG - FORMER TRANSIT STREET MGP SITE
LOCKPORT, NEW YORK

Location ID		SED-01	SED-02	SED-02	SED-03	SED-03
Sample ID		SED-1	SED-2 0-1	SED2 2.5-3	SED-3 0-1	SED3 3.5-4
Matrix		Sediment	Sediment	Sediment	Sediment	Sediment
Depth Interval (ft)		0.0-1.0	0.0-1.0	2.5-3.0	0.0-1.0	3.5-4.0
Date Sampled		04/09/05	04/09/05	04/09/05	04/09/05	04/09/05
Parameter	Units					
Volatile Organic Compounds						
Benzene	UG/KG	8 U (12.6)	8 U (15.1)	8 U (10.1)	8 U (10.6)	8 U (12.1)
Total BTEX	UG/KG	ND	ND	ND	ND	ND
Semivolatile Organic Compounds						
Acenaphthene	UG/KG	490 U	500 U	480 U	520 U	530 U
Acenaphthylene	UG/KG	490 U	500 U	480 U	520 U	530 U
Anthracene	UG/KG	490 U	500 U	480 U	520 U	530 U
Benzo(a)anthracene	UG/KG	490 U (27.3)	500 U (32.6)	400 J (22.0)	520 U (22.9)	530 U (26.3)
Benzo(a)pyrene	UG/KG	180 J (27.3)	500 U (32.6)	420 J (22.0)	520 U (22.9)	190 J (26.3)
Benzo(b)fluoranthene	UG/KG	240 J (27.3)	500 U (32.6)	620 (22.0)	520 U (22.9)	260 J (26.3)
Benzo(g,h,i)perylene	UG/KG	490 U	500 U	480 U	520 U	530 U
Benzo(k)fluoranthene	UG/KG	490 U (27.3)	500 U (32.6)	240 J (22.0)	520 U (22.9)	530 U (26.3)
bis(2-Ethylhexyl)phthalate	UG/KG	490 U	500 U	540	1,600	3,400
Butylbenzylphthalate	UG/KG	490 U	500 U	320 J	520 U	530 U
Carbazole	UG/KG	490 U	500 U	480 U	520 U	530 U
Chrysene	UG/KG	490 U (27.3)	500 U (32.6)	370 J (22.0)	520 U (22.9)	530 U (26.3)
Dibenz(a,h)anthracene	UG/KG	490 U	500 U	480 U	520 U	530 U
Dibenzofuran	UG/KG	490 U	500 U	480 U	520 U	530 U
Di-n-butylphthalate	UG/KG	490 U	500 U	480 U	520 U	530 U
Di-n-octylphthalate	UG/KG	490 U	500 U	310 J	210 J	530 U
Fluoranthene	UG/KG	420 J	200 J	750	290 J	470 J
Fluorene	UG/KG	490 U	500 U	480 U	520 U	530 U

Criteria- NYSDC Technical Guidance for Screening Contaminated Sediments, Human Health Bioaccumulation, January 25, 1999.

(NV) - No Calculable Value, TOC Not Detected

Flags assigned during chemistry validation are shown.

 Concentration Exceeds Criteria.

J - The reported concentration is an estimated value.

D - Result reported from a secondary dilution analysis.

U - Not detected above the reported quantitation limit.

NA - Not Analyzed

Only Detected Results Reported.

Detection Limits shown are PQL

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TABLE 4-26
SUMMARY OF DETECTED RI SEDIMENT ANALYTICAL RESULTS - HUMAN HEALTH
BIOACCUMULATION
NYSEG - FORMER TRANSIT STREET MGP SITE
LOCKPORT, NEW YORK

Location ID		SED-01	SED-02	SED-02	SED-03	SED-03
Sample ID		SED-1	SED-2 0-1	SED2 2.5-3	SED-3 0-1	SED3 3.5-4
Matrix		Sediment	Sediment	Sediment	Sediment	Sediment
Depth Interval (ft)		0.0-1.0	0.0-1.0	2.5-3.0	0.0-1.0	3.5-4.0
Date Sampled		04/09/05	04/09/05	04/09/05	04/09/05	04/09/05
Parameter	Units					
Semivolatile Organic Compounds						
Indeno(1,2,3-cd)pyrene	UG/KG	490 U (27.3)	500 U (32.6)	480 U (22.0)	520 U (22.9)	530 U (26.3)
Naphthalene	UG/KG	490 U	500 U	480 U	520 U	530 U
Phenanthrene	UG/KG	340 J	500 U	350 J	520 U	280 J
Pyrene	UG/KG	330 J	500 U	670	220 J	390 J
Total Carcinogenic PAHs	UG/KG	420	ND	2,050	ND	450
Total Non-Carcinogenic PAHs	UG/KG	1,090	200	1,770	510	1,140
Total Polycyclic Aromatic Hydrocarbons	UG/KG	1,510	200	3,820	510	1,590
Total Semivolatile Organic Compounds	UG/KG	1,510	200	4,990	2,320	4,990
Polychlorinated Biphenyls						
Aroclor 1242	UG/KG	25 U (0.02)	26 U (0.02)	120 U (0.01)	25 U (0.01)	2,400 (0.02)
Aroclor 1248	UG/KG	57 (0.02)	65 (0.02)	1,400 (0.01)	140 (0.01)	1,700 (0.02)
Aroclor 1254	UG/KG	33 (0.02)	40 (0.02)	810 (0.01)	81 (0.01)	860 (0.02)
Aroclor 1260	UG/KG	13 J (0.02)	26 U (0.02)	120 U (0.01)	25 U (0.01)	600 (0.02)
Total Polychlorinated Biphenyls	UG/KG	103 (0.02)	105 (0.02)	2,210 (0.01)	221 (0.01)	5,560 (0.02)
Miscellaneous Parameters						
Total Cyanide	MG/KG	1.5 U	1.2 U	0.95 U	1.1 U	0.99 U
Total Organic Carbon (TOC)	MG/KG	21,000	25,100	16,900	17,600	20,200
Solids, Percent	PERCENT	63.0	61.8	74.4	64.3	61.2
Total Cyanide (Secondary Lab)	MG/KG	NA	NA	NA	NA	NA
Ferric/Ferrous Iron Cyanide Complex	MG/KG	NA	NA	NA	NA	NA

Criteria- NYSDEC Technical Guidance for Screening Contaminated Sediments, Human Health Bioaccumulation, January 25, 1999.

(NV) - No Calculable Value, TOC Not Detected

Flags assigned during chemistry validation are shown.

 Concentration Exceeds Criteria.

J - The reported concentration is an estimated value.

D - Result reported from a secondary dilution analysis.

U - Not detected above the reported quantitation limit.

NA - Not Analyzed

Only Detected Results Reported.

Detection Limits shown are PQL

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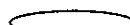
TABLE 4-26
SUMMARY OF DETECTED RI SEDIMENT ANALYTICAL RESULTS - HUMAN HEALTH
BIOACCUMULATION
NYSEG - FORMER TRANSIT STREET MGP SITE
LOCKPORT, NEW YORK

Location ID		SED-04	SED-04	SED-05	SED-05	SED-06
Sample ID		SED-04 0-1	SED-04 3.5-4	SED-05 0-1	SED-05 3.5-4	SED-06 0-1
Matrix		Sediment	Sediment	Sediment	Sediment	Sediment
Depth Interval (ft)		0.0-1.0	3.5-4.0	0.0-1.0	3.5-4.0	0.0-1.0
Date Sampled		04/09/05	04/09/05	04/09/05	04/09/05	04/11/05
Parameter	Units					
Volatile Organic Compounds						
Benzene	UG/KG	7 U (10.2)	7 U (10.2)	7 U (14.9)	8 U (13.8)	6 U (14.5)
Total BTEX	UG/KG	ND	ND	ND	ND	ND
Semivolatile Organic Compounds						
Acenaphthene	UG/KG	450 U	480 U	470 U	500 U	410 U
Acenaphthylene	UG/KG	450 U	480 U	470 U	500 U	290 J
Anthracene	UG/KG	450 U	480 U	470 U	500 U	260 J
Benzo(a)anthracene	UG/KG	230 J (22.1)	480 U (22.1)	470 U (32.4)	500 U (29.9)	880 (31.3)
Benzo(a)pyrene	UG/KG	230 J (22.1)	480 U (22.1)	470 U (32.4)	500 U (29.9)	990 (31.3)
Benzo(b)fluoranthene	UG/KG	330 J (22.1)	270 J (22.1)	470 U (32.4)	500 U (29.9)	1,200 (31.3)
Benzo(g,h,i)perylene	UG/KG	450 U	480 U	470 U	500 U	370 J
Benzo(k)fluoranthene	UG/KG	450 U (22.1)	480 U (22.1)	470 U (32.4)	500 U (29.9)	390 J (31.3)
bis(2-Ethylhexyl)phthalate	UG/KG	210 J	480 U	350 J	500 U	330 J
Butylbenzylphthalate	UG/KG	450 U	480 U	470 U	500 U	410 U
Carbazole	UG/KG	450 U	480 U	470 U	500 U	410 U
Chrysene	UG/KG	250 J (22.1)	190 J (22.1)	470 U (32.4)	500 U (29.9)	1,100 (31.3)
Dibenz(a,h)anthracene	UG/KG	450 U	480 U	470 U	500 U	410 U
Dibenzofuran	UG/KG	450 U	480 U	470 U	500 U	410 U
Di-n-butylphthalate	UG/KG	450 U	480 U	470 U	500 U	410 U
Di-n-octylphthalate	UG/KG	450 U	480 U	470 U	500 U	410 U
Fluoranthene	UG/KG	540	390 J	190 J	500 U	1,900
Fluorene	UG/KG	450 U	480 U	470 U	500 U	410 U

Criteria - NYSDEC Technical Guidance for Screening Contaminated Sediments, Human Health Bioaccumulation, January 25, 1999.

(NV) - No Calculable Value, TOC Not Detected

Flags assigned during chemistry validation are shown.

 Concentration Exceeds Criteria.

J - The reported concentration is an estimated value.

D - Result reported from a secondary dilution analysis.

U - Not detected above the reported quantitation limit.

NA - Not Analyzed

Only Detected Results Reported.

Detection Limits shown are PQL

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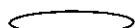
TABLE 4-26
SUMMARY OF DETECTED RI SEDIMENT ANALYTICAL RESULTS - HUMAN HEALTH
BIOACCUMULATION
NYSEG - FORMER TRANSIT STREET MGP SITE
LOCKPORT, NEW YORK

Location ID		SED-04	SED-04	SED-05	SED-05	SED-06
Sample ID		SED-4 0-1	SED4 3.5-4	SED-5 0-1	SED5 3.5-4	SED-06 0-1
Matrix		Sediment	Sediment	Sediment	Sediment	Sediment
Depth Interval (ft)		0.0-1.0	3.5-4.0	0.0-1.0	3.5-4.0	0.0-1.0
Date Sampled		04/09/05	04/09/05	04/09/05	04/09/05	04/11/05
Parameter	Units					
Semivolatile Organic Compounds						
Indeno(1,2,3-cd)pyrene	UG/KG	450 U (22.1)	480 U (22.1)	470 U (32.4)	500 U (29.9)	330 J (31.3)
Naphthalene	UG/KG	450 U	480 U	470 U	500 U	410 U
Phenanthrene	UG/KG	300 J	220 J	470 U	500 U	740
Pyrene	UG/KG	440 J	330 J	470 U	500 U	1,400
Total Carcinogenic PAHs	UG/KG	1,040	460	ND	ND	4,890
Total Non-Carcinogenic PAHs	UG/KG	1,280	940	190	ND	4,960
Total Polycyclic Aromatic Hydrocarbons	UG/KG	2,320	1,400	190	ND	9,850
Total Semivolatile Organic Compounds	UG/KG	2,530	1,400	540	ND	10,180
Polychlorinated Biphenyls						
Aroclor 1242	UG/KG	23 U (0.01)	24 U (0.01)	120 U (0.02)	25 U (0.02)	21 U (0.02)
Aroclor 1248	UG/KG	200 (0.01)	110 (0.01)	950 (0.02)	67 (0.02)	390 (0.02)
Aroclor 1254	UG/KG	100 (0.01)	76 (0.01)	490 (0.02)	110 (0.02)	21 U (0.02)
Aroclor 1260	UG/KG	23 U (0.01)	44 (0.01)	120 U (0.02)	25 U (0.02)	21 U (0.02)
Total Polychlorinated Biphenyls	UG/KG	300 (0.01)	230 (0.01)	1,440 (0.02)	177 (0.02)	390 (0.02)
Miscellaneous Parameters						
Total Cyanide	MG/KG	1.5 U	1.2 U	0.96 U	1.3 U	1.6
Total Organic Carbon (TOC)	MG/KG	17,000	17,000	24,900	23,000	24,100
Solids, Percent	PERCENT	70.1	67.8	65.2	64.7	75.6
Total Cyanide (Secondary Lab)	MG/KG	NA	NA	NA	NA	0.264
Ferric/Ferrous Iron Cyanide Complex	MG/KG	NA	NA	NA	NA	0.203

Criteria- NYSDEC Technical Guidance for Screening Contaminated Sediments, Human Health Bioaccumulation, January 25, 1999.

(NV) - No Calculable Value, TOC Not Detected

Flags assigned during chemistry validation are shown.

 Concentration Exceeds Criteria.

J - The reported concentration is an estimated value.

D - Result reported from a secondary dilution analysis.

U - Not detected above the reported quantitation limit.

NA - Not Analyzed

Only Detected Results Reported.

Detection Limits shown are PQL

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TABLE 4-26
SUMMARY OF DETECTED RI SEDIMENT ANALYTICAL RESULTS - HUMAN HEALTH
BIOACCUMULATION
NYSEG - FORMER TRANSIT STREET MGP SITE
LOCKPORT, NEW YORK

Location ID		SED-06	SED-07	SED-08	SED-09	SED-09
Sample ID		SED-06 1-2	SED-07 0-1	SED-08 0-1	SED-09 0-1	SED DUP 3
Matrix		Sediment	Sediment	Sediment	Sediment	Sediment
Depth Interval (ft)		1.0-2.0	0.0-1.0	0.0-1.0	0.0-1.0	3.0-4.0
Date Sampled		04/11/05	04/11/05	04/11/05	04/11/05	04/11/05
Parameter	Units					Field Duplicate (1-1)
Volatile Organic Compounds						
Benzene	UG/KG	6 U (14.5)	7 UJ (15.5)	8 U (14.6)	7 U (16.2)	8 U (17.6)
Total BTEX	UG/KG	ND	ND	ND	ND	ND
Semivolatile Organic Compounds						
Acenaphthene	UG/KG	410 U	460 U	260 J	490 U	520 U
Acenaphthylene	UG/KG	260 J	460 U	450	490 U	520 U
Anthracene	UG/KG	410 U	460 U	220 J	490 U	520 U
Benzo(a)anthracene	UG/KG	890 (31.3)	460 U (33.7)	1,300 (31.6)	490 U (35.1)	520 U (38.2)
Benzo(a)pyrene	UG/KG	720 (31.3)	190 J (33.7)	1,100 (31.6)	490 U (35.1)	520 U (38.2)
Benzo(b)fluoranthene	UG/KG	1,000 (31.3)	260 J (33.7)	1,400 (31.6)	490 U (35.1)	520 U (38.2)
Benzo(g,h,i)perylene	UG/KG	410 U	460 U	600	490 U	520 U
Benzo(k)fluoranthene	UG/KG	1,000 (31.3)	460 U (33.7)	1,400 (31.6)	490 U (35.1)	520 U (38.2)
bis(2-Ethylhexyl)phthalate	UG/KG	410 U	700	590	490 U	520 U
Butylbenzylphthalate	UG/KG	410 U	460 U	450 U	490 U	520 U
Carbazole	UG/KG	410 U	460 U	450 U	490 U	520 U
Chrysene	UG/KG	700 (31.3)	210 J (33.7)	1,000 (31.6)	490 U (35.1)	520 U (38.2)
Dibenz(a,h)anthracene	UG/KG	410 U	460 U	450 U	490 U	520 U
Dibenzofuran	UG/KG	410 U	460 U	450 U	490 U	520 U
Di-n-butylphthalate	UG/KG	410 U	2,400	450 U	490 U	520 U
Di-n-octylphthalate	UG/KG	410 U	460 U	450 U	490 U	520 U
Fluoranthene	UG/KG	1,400	410 J	2,200	490 U	520 U
Fluorene	UG/KG	410 U	460 U	180 J	490 U	520 U

Criteria- NYSDEC Technical Guidance for Screening Contaminated Sediments, Human Health Bioaccumulation, January 25, 1999.

(NV) - No Calculable Value, TOC Not Detected

Flags assigned during chemistry validation are shown.

 Concentration Exceeds Criteria.

J - The reported concentration is an estimated value.

D - Result reported from a secondary dilution analysis.

U - Not detected above the reported quantitation limit.

NA - Not Analyzed

Only Detected Results Reported.

Detection Limits shown are PQL

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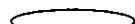
TABLE 4-26
SUMMARY OF DETECTED RI SEDIMENT ANALYTICAL RESULTS - HUMAN HEALTH
BIOACCUMULATION
NYSEG - FORMER TRANSIT STREET MGP SITE
LOCKPORT, NEW YORK

Location ID		SED-06	SED-07	SED-08	SED-09	SED-09
Sample ID		SED-06 1-2	SED-07 0-1	SED-08 0-1	SED-09 0-1	SED DUP 3
Matrix		Sediment	Sediment	Sediment	Sediment	Sediment
Depth Interval (ft)		1.0-2.0	0.0-1.0	0.0-1.0	0.0-1.0	3.0-4.0
Date Sampled		04/11/05	04/11/05	04/11/05	04/11/05	04/11/05
Parameter	Units					Field Duplicate (1-1)
Semivolatile Organic Compounds						
Indeno(1,2,3-cd)pyrene	UG/KG	410 U (31.3)	460 U (33.7)	450 (31.6)	490 U (35.1)	520 U (38.2)
Naphthalene	UG/KG	410 U	460 U	450 U	490 U	520 U
Phenanthrene	UG/KG	250 J	150 J	180 J	490 U	520 U
Pyrene	UG/KG	1,200	380 J	2,400	490 U	520 U
Total Carcinogenic PAHs	UG/KG	4,310	660	6,650	ND	ND
Total Non-Carcinogenic PAHs	UG/KG	3,110	940	6,490	ND	ND
Total Polycyclic Aromatic Hydrocarbons	UG/KG	7,420	1,600	13,140	ND	ND
Total Semivolatile Organic Compounds	UG/KG	7,420	4,700	13,730	ND	ND
Polychlorinated Biphenyls						
Aroclor 1242	UG/KG	21 U (0.02)	110 U (0.02)	450 U (0.02)	24 U (0.02)	26 U (0.02)
Aroclor 1248	UG/KG	250 (0.02)	1,100 (0.02)	2,800 (0.02)	180 (0.02)	86 (0.02)
Aroclor 1254	UG/KG	21 U (0.02)	110 U (0.02)	450 U (0.02)	140 (0.02)	57 (0.02)
Aroclor 1260	UG/KG	21 U (0.02)	110 U (0.02)	450 U (0.02)	24 U (0.02)	26 U (0.02)
Total Polychlorinated Biphenyls	UG/KG	250 (0.02)	1,100 (0.02)	2,800 (0.02)	320 (0.02)	143 (0.02)
Miscellaneous Parameters						
Total Cyanide	MG/KG	1.3 U	1.3 U	1.3 U	1.5	1.4 U
Total Organic Carbon (TOC)	MG/KG	24,100	25,900	24,300	27,000	29,400
Solids, Percent	PERCENT	80.2	68.4	65.0	65.6	62.7
Total Cyanide (Secondary Lab)	MG/KG	NA	NA	NA	0.440	NA
Ferric/Ferrous Iron Cyanide Complex	MG/KG	NA	NA	NA	0.267	NA

Criteria- NYSDEC Technical Guidance for Screening Contaminated Sediments, Human Health Bioaccumulation, January 25, 1999.

(NV) - No Calculable Value, TOC Not Detected

Flags assigned during chemistry validation are shown.

 Concentration Exceeds Criteria.

J - The reported concentration is an estimated value.

D - Result reported from a secondary dilution analysis.

U - Not detected above the reported quantitation limit.

NA - Not Analyzed

Only Detected Results Reported.

Detection Limits shown are PQL

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TABLE 4-26
SUMMARY OF DETECTED RI SEDIMENT ANALYTICAL RESULTS - HUMAN HEALTH
BIOACCUMULATION
NYSEG - FORMER TRANSIT STREET MGP SITE
LOCKPORT, NEW YORK

Location ID		SED-09	SED-10	SED-10	SED-11	SED-12
Sample ID		SED-09 3-4	SED-10 0-1	SED-10 1-2	S11 5-1.5	SED-12 0-1
Matrix		Sediment	Sediment	Sediment	Sediment	Sediment
Depth Interval (ft)		3.0-4.0	0.0-1.0	1.0-2.0	0.5-1.5	0.0-1.0
Date Sampled		04/11/05	04/11/05	04/11/05	04/11/05	04/10/05
Parameter	Units					
Volatile Organic Compounds						
Benzene	UG/KG	8 U (17.3)	6 U (15.4)	7 U (15.7)	6 UJ (16.6)	8 U (16.3)
Total BTEX	UG/KG	ND	ND	ND	ND	ND
Semivolatile Organic Compounds						
Acenaphthene	UG/KG	500 U	410 U	420 U	430 U	2,100 U
Acenaphthylene	UG/KG	500 U	410 U	420 U	430 U	2,100 U
Anthracene	UG/KG	500 U	410 U	420 U	430 U	2,100 U
Benzo(a)anthracene	UG/KG	500 U (37.4)	230 J (33.3)	420 U (33.9)	430 U (35.9)	2,100 U (35.4)
Benzo(a)pyrene	UG/KG	500 U (37.4)	240 J (33.3)	420 U (33.9)	430 U (35.9)	820 J (35.4)
Benzo(b)fluoranthene	UG/KG	500 U (37.4)	310 J (33.3)	420 U (33.9)	430 U (35.9)	2,100 U (35.4)
Benzo(g,h,i)perylene	UG/KG	500 U	410 U	420 U	430 U	2,100 U
Benzo(k)fluoranthene	UG/KG	500 U (37.4)	410 U (33.3)	420 U (33.9)	430 U (35.9)	2,100 U (35.4)
bis(2-Ethylhexyl)phthalate	UG/KG	500 U	1,300	420 U	430 U	1,800 J
Butylbenzylphthalate	UG/KG	500 U	410 U	420 U	430 U	2,100 U
Carbazole	UG/KG	500 U	410 U	420 U	430 U	2,100 U
Chrysene	UG/KG	500 U (37.4)	240 J (33.3)	420 U (33.9)	430 U (35.9)	1,100 J (35.4)
Dibenz(a,h)anthracene	UG/KG	500 U	410 U	420 U	430 U	2,100 U
Dibenzofuran	UG/KG	500 U	410 U	420 U	430 U	2,100 U
Di-n-butylphthalate	UG/KG	500 U	410 U	420 U	430 U	2,100 U
Di-n-octylphthalate	UG/KG	500 U	410 U	420 U	430 U	2,100 U
Fluoranthene	UG/KG	500 U	460	420 U	210 J	1,900 J
Fluorene	UG/KG	500 U	410 U	420 U	430 U	2,100 U

Criteria- NYSDEC Technical Guidance for Screening Contaminated Sediments, Human Health Bioaccumulation, January 25, 1999.

(NV) - No Calculable Value, TOC Not Detected

Flags assigned during chemistry validation are shown.

 Concentration Exceeds Criteria.

J - The reported concentration is an estimated value.

U - Result reported from a secondary dilution analysis.

D - Not detected above the reported quantitation limit.

NA - Not Analyzed

Only Detected Results Reported.

Detection Limits shown are PQL

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TABLE 4-26
SUMMARY OF DETECTED RI SEDIMENT ANALYTICAL RESULTS - HUMAN HEALTH
BIOACCUMULATION
NYSEG - FORMER TRANSIT STREET MGP SITE
LOCKPORT, NEW YORK

Location ID		SED-09	SED-10	SED-10	SED-11	SED-12
Sample ID		SED-09 3-4	SED-10 0-1	SED-10 1-2	S11 .5-1.5	SED-12 0-1
Matrix		Sediment	Sediment	Sediment	Sediment	Sediment
Depth Interval (ft)		3.0-4.0	0.0-1.0	1.0-2.0	0.5-1.5	0.0-1.0
Date Sampled		04/11/05	04/11/05	04/11/05	04/11/05	04/10/05
Parameter	Units					
Semivolatile Organic Compounds						
Indeno(1,2,3-cd)pyrene	UG/KG	500 U (37.4)	410 U (33.3)	420 U (33.9)	430 U (35.9)	2,100 U (35.4)
Naphthalene	UG/KG	500 U	410 U	420 U	430 U	2,100 U
Phenanthrene	UG/KG	500 U	140 J	420 U	430 U	830 J
Pyrene	UG/KG	500 U	410	420 U	190 J	1,600 J
Total Carcinogenic PAHs	UG/KG	ND	1,020	ND	ND	1,920
Total Non-Carcinogenic PAHs	UG/KG	ND	1,010	ND	400	4,330
Total Polycyclic Aromatic Hydrocarbons	UG/KG	ND	2,030	ND	400	6,250
Total Semivolatile Organic Compounds	UG/KG	ND	3,330	ND	400	8,050
Polychlorinated Biphenyls						
Aroclor 1242	UG/KG	25 U (0.02)	40 U (0.02)	21 U (0.02)	22 U (0.02)	27 U (0.02)
Aroclor 1248	UG/KG	27 (0.02)	400 (0.02)	240 (0.02)	190 (0.02)	330 (0.02)
Aroclor 1254	UG/KG	22 J (0.02)	270 (0.02)	120 (0.02)	98 (0.02)	150 (0.02)
Aroclor 1260	UG/KG	25 U (0.02)	40 U (0.02)	21 U (0.02)	22 U (0.02)	27 U (0.02)
Total Polychlorinated Biphenyls	UG/KG	49 (0.02)	670 (0.02)	360 (0.02)	288 (0.02)	480 (0.02)
Miscellaneous Parameters						
Total Cyanide	MG/KG	1.6 U	1.1 U	1.3 U	1.4 U	1.6 U
Total Organic Carbon (TOC)	MG/KG	28,800	25,600	26,100	27,600	27,200
Solids, Percent	PERCENT	62.3	74.5	73.5	74.9	60.3
Total Cyanide (Secondary Lab)	MG/KG	NA	NA	NA	NA	NA
Ferric/Ferrous Iron Cyanide Complex	MG/KG	NA	NA	NA	NA	NA

Criteria- NYSDDEC Technical Guidance for Screening Contaminated Sediments, Human Health Bioaccumulation, January 25, 1999.

(NV) - No Calculable Value, TOC Not Detected

Flags assigned during chemistry validation are shown.

 Concentration Exceeds Criteria.

J - The reported concentration is an estimated value.

D - Result reported from a secondary dilution analysis.

U - Not detected above the reported quantitation limit.

NA - Not Analyzed

Only Detected Results Reported.

Detection Limits shown are PQL

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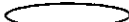
TABLE 4-26
SUMMARY OF DETECTED RI SEDIMENT ANALYTICAL RESULTS - HUMAN HEALTH
BIOACCUMULATION
NYSEG - FORMER TRANSIT STREET MGP SITE
LOCKPORT, NEW YORK

Location ID		SED-13	SED-13	SED-14	SED-14	SED-15
Sample ID		SED-13 0-1	SED-13 2-3	S14.5-1.5	S141.5-2.5	S15.5-1.5
Matrix		Sediment	Sediment	Sediment	Sediment	Sediment
Depth Interval (ft)		0.0-1.0	2.0-3.0	0.5-1.5	1.5-2.5	0.5-1.5
Date Sampled		04/10/05	04/10/05	04/10/05	04/10/05	04/10/05
Parameter	Units					
Volatile Organic Compounds						
Benzene	UG/KG	9 U (16.8)	7 U (19.4)	7 U (9.6)	7 U (10.5)	7 U (8.0)
Total BTEX	UG/KG	ND	ND	ND	ND	ND
Semivolatile Organic Compounds						
Acenaphthene	UG/KG	590 U	2,000 U	480 U	460 U	4,400 U
Acenaphthylene	UG/KG	590 U	2,000 U	480 U	460 U	2,100 J
Anthracene	UG/KG	590 U	2,000 U	480 U	460 U	4,400 U
Benzo(a)anthracene	UG/KG	590 U (36.4)	2,000 U (42.0)	480 U (20.8)	460 U (22.8)	7,800 (17.4)
Benzo(a)pyrene	UG/KG	290 J (36.4)	2,000 U (42.0)	480 U (20.8)	460 U (22.8)	6,600 (17.4)
Benzo(b)fluoranthene	UG/KG	360 J (36.4)	2,000 U (42.0)	480 U (20.8)	460 U (22.8)	7,300 (17.4)
Benzo(g,h,i)perylene	UG/KG	590 U	2,000 U	480 U	460 U	4,400 U
Benzo(k)fluoranthene	UG/KG	590 U (36.4)	2,000 U (42.0)	480 U (20.8)	460 U (22.8)	2,200 J (17.4)
bis(2-Ethylhexyl)phthalate	UG/KG	280 J	1,600 J	480 U	460 U	8,400
Butylbenzylphthalate	UG/KG	590 U	2,000 U	480 U	460 U	2,600 J
Carbazole	UG/KG	590 U	2,000 U	480 U	460 U	4,400 U
Chrysene	UG/KG	400 J (36.4)	2,000 U (42.0)	480 U (20.8)	460 U (22.8)	6,200 (17.4)
Dibenz(a,h)anthracene	UG/KG	590 U	2,000 U	480 U	460 U	4,400 U
Dibenzofuran	UG/KG	590 U	2,000 U	480 U	460 U	4,400 U
Di-n-butylphthalate	UG/KG	590 U	2,000 U	480 U	460 U	4,400 U
Di-n-octylphthalate	UG/KG	590 U	2,000 U	480 U	460 U	4,400 U
Fluoranthene	UG/KG	730	1,200 J	220 J	460 U	11,000
Fluorene	UG/KG	590 U	2,000 U	480 U	460 U	4,400 U

Criteria- NYSDEC Technical Guidance for Screening Contaminated Sediments, Human Health Bioaccumulation, January 25, 1999.

(NV) - No Calculable Value, TOC Not Detected

Flags assigned during chemistry validation are shown.

 Concentration Exceeds Criteria.

J - The reported concentration is an estimated value.

D - Result reported from a secondary dilution analysis.

U - Not detected above the reported quantitation limit.

NA - Not Analyzed

Only Detected Results Reported.

Detection Limits shown are PQL

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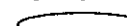
TABLE 4-26
SUMMARY OF DETECTED RI SEDIMENT ANALYTICAL RESULTS - HUMAN HEALTH
BIOACCUMULATION
NYSEG - FORMER TRANSIT STREET MGP SITE
LOCKPORT, NEW YORK

Location ID		SED-13	SED-13	SED-14	SED-14	SED-15
Sample ID		SED-13 0-1	SED-13 2-3	S14.5-1.5	S141.5-2.5	S15.5-1.5
Matrix		Sediment	Sediment	Sediment	Sediment	Sediment
Depth Interval (ft)		0.0-1.0	2.0-3.0	0.5-1.5	1.5-2.5	0.5-1.5
Date Sampled		04/10/05	04/10/05	04/10/05	04/10/05	04/10/05
Parameter	Units					
Semivolatile Organic Compounds						
Indeno(1,2,3-cd)pyrene	UG/KG	590 U (36.4)	2,000 U (42.0)	480 U (20.8)	460 U (22.8)	4,400 U (17.4)
Naphthalene	UG/KG	590 U	2,000 U	480 U	460 U	4,400 U
Phenanthrene	UG/KG	360 J	2,000 U	480 U	460 U	4,200 J
Pyrene	UG/KG	590	1,000 J	180 J	460 U	12,000
Total Carcinogenic PAHs	UG/KG	1,050	ND	ND	ND	30,100
Total Non-Carcinogenic PAHs	UG/KG	1,680	2,200	400	ND	29,300
Total Polycyclic Aromatic Hydrocarbons	UG/KG	2,730	2,200	400	ND	59,400
Total Semivolatile Organic Compounds	UG/KG	3,010	3,800	400	ND	70,400
Polychlorinated Biphenyls						
Aroclor 1242	UG/KG	30 U (0.02)	4,000 (0.03)	24 U (0.01)	23 U (0.01)	21,000 (0.01)
Aroclor 1248	UG/KG	53 (0.02)	250 U (0.03)	190 (0.01)	7.0 J (0.01)	2,200 U (0.01)
Aroclor 1254	UG/KG	31 (0.02)	970 (0.03)	24 U (0.01)	23 U (0.01)	16,000 (0.01)
Aroclor 1260	UG/KG	30 U (0.02)	250 U (0.03)	24 U (0.01)	23 U (0.01)	2,200 U (0.01)
Total Polychlorinated Biphenyls	UG/KG	84 (0.02)	4,970 (0.03)	190 (0.01)	7 (0.01)	37,000 (0.01)
Miscellaneous Parameters						
Total Cyanide	MG/KG	1.3 U	1.5 U	0.82 U	1.3 U	1.5 U
Total Organic Carbon (TOC)	MG/KG	28,000	32,300	16,000	17,500	13,400
Solids, Percent	PERCENT	54.9	63.9	69.2	66.3	68.4
Total Cyanide (Secondary Lab)	MG/KG	NA	NA	NA	NA	NA
Ferric/Ferrous Iron Cyanide Complex	MG/KG	NA	NA	NA	NA	NA

Criteria- NYSDEC Technical Guidance for Screening Contaminated Sediments, Human Health Bioaccumulation, January 25, 1999.

(NV) - No Calculable Value, TOC Not Detected

Flags assigned during chemistry validation are shown.

 Concentration Exceeds Criteria.

J - The reported concentration is an estimated value.

D - Result reported from a secondary dilution analysis.

U - Not detected above the reported quantitation limit.

NA - Not Analyzed

Only Detected Results Reported.

Detection Limits shown are PQL

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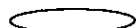
TABLE 4-26
SUMMARY OF DETECTED RI SEDIMENT ANALYTICAL RESULTS - HUMAN HEALTH
BIOACCUMULATION
NYSEG - FORMER TRANSIT STREET MGP SITE
LOCKPORT, NEW YORK

Location ID		SED-15	SED-16	SED-17	SED-18	SED-19
Sample ID		S151.5-2.5	SED-16 0-1	SED-17 0-1	SED-18 0-1	SED 19 0-1
Matrix		Sediment	Sediment	Sediment	Sediment	Sediment
Depth Interval (ft)		1.5-2.5	0.0-1.0	0.0-1.0	0.0-1.0	0.0-1.0
Date Sampled		04/10/05	04/09/05	04/09/05	04/09/05	04/11/05
Parameter	Units					
Volatile Organic Compounds						
Benzene	UG/KG	8 U (38.2)	6 U (6.4)	2 J (7.9)	6 U (17.1)	8 U (13.6)
Total BTEX	UG/KG	ND	ND	2	ND	ND
Semivolatile Organic Compounds						
Acenaphthene	UG/KG	1,100 J	270 J	410 U	260 J	510 U
Acenaphthylene	UG/KG	2,900 U	810	290 J	230 J	510 U
Anthracene	UG/KG	1,300 J	870	370 J	870	510 U
Benzo(a)anthracene	UG/KG	2,300 J (82.8)	3,500 (13.8)	1,400 (17.2)	2,200 (37.1)	510 U (29.5)
Benzo(a)pyrene	UG/KG	2,000 J (82.8)	3,500 (13.8)	1,400 (17.2)	1,900 (37.1)	190 J (29.5)
Benzo(b)fluoranthene	UG/KG	1,400 J (82.8)	3,700 (13.8)	1,600 (17.2)	2,700 (37.1)	310 J (29.5)
Benzo(g,h,i)perylene	UG/KG	2,900 U	1,100	490	560	510 U
Benzo(k)fluoranthene	UG/KG	1,800 J (82.8)	1,400 (13.8)	640 (17.2)	770 (37.1)	510 U (29.5)
bis(2-Ethylhexyl)phthalate	UG/KG	2,000 J	350 J	410 U	4,800	270 J
Butylbenzylphthalate	UG/KG	2,900 U	440 U	410 U	400 U	510 U
Carbazole	UG/KG	2,900 U	420 J	410 U	340 J	510 U
Chrysene	UG/KG	2,700 J (82.8)	3,200 (13.8)	1,200 (17.2)	2,000 (37.1)	310 J (29.5)
Dibenz(a,h)anthracene	UG/KG	2,900 U	400 J	410 U	400 U	510 U
Dibenzofuran	UG/KG	2,900 U	150 J	410 U	200 J	510 U
Di-n-butylphthalate	UG/KG	2,900 U	440 U	410 U	390 J	510 U
Di-n-octylphthalate	UG/KG	2,900 U	440 U	410 U	400 U	510 U
Fluoranthene	UG/KG	4,800	4,900	2,200	4,800	580
Fluorene	UG/KG	2,900 U	330 J	160 J	410	510 U

Criteria- NYSDEC Technical Guidance for Screening Contaminated Sediments, Human Health Bioaccumulation, January 25, 1999.

(NV) - No Calculable Value, TOC Not Detected

Flags assigned during chemistry validation are shown.



Concentration Exceeds Criteria.

J - The reported concentration is an estimated value.

D - Result reported from a secondary dilution analysis.

U - Not detected above the reported quantitation limit.

NA - Not Analyzed

Only Detected Results Reported.

Detection Limits shown are PQL

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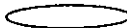
TABLE 4-26
SUMMARY OF DETECTED RI SEDIMENT ANALYTICAL RESULTS - HUMAN HEALTH
BIOACCUMULATION
NYSEG - FORMER TRANSIT STREET MGP SITE
LOCKPORT, NEW YORK

Location ID		SED-15	SED-16	SED-17	SED-18	SED-19
Sample ID		S151.5-2.5	SED-16 0-1	SED-17 0-1	SED-18 0-1	SED 19 0-1
Matrix		Sediment	Sediment	Sediment	Sediment	Sediment
Depth Interval (ft)		1.5-2.5	0.0-1.0	0.0-1.0	0.0-1.0	0.0-1.0
Date Sampled		04/10/05	04/09/05	04/09/05	04/09/05	04/11/05
Parameter	Units					
Semivolatile Organic Compounds						
Indeno(1,2,3-cd)pyrene	UG/KG	2,900 U (82.8)	1,100 (13.8)	500 (17.2)	580 (37.1)	510 U (29.5)
Naphthalene	UG/KG	2,900 U	160 J	410 U	140 J	510 U
Phenanthrene	UG/KG	6,500	2,400	1,000	2,900	270 J
Pyrene	UG/KG	4,300	4,000	2,000	4,000	440 J
Total Carcinogenic PAHs	UG/KG	10,200	16,800	6,740	10,150	810
Total Non-Carcinogenic PAHs	UG/KG	18,000	14,840	6,510	14,170	1,290
Total Polycyclic Aromatic Hydrocarbons	UG/KG	28,200	31,640	13,250	24,320	2,100
Total Semivolatile Organic Compounds	UG/KG	30,200	32,560	13,250	30,050	2,370
Polychlorinated Biphenyls						
Aroclor 1242	UG/KG	590 U (0.05)	440 U (0.01)	21 U (0.01)	1,000 U (0.02)	26 U (0.02)
Aroclor 1248	UG/KG	8,200 (0.05)	9,200 (0.01)	230 (0.01)	20,000 (0.02)	120 (0.02)
Aroclor 1254	UG/KG	590 U (0.05)	440 U (0.01)	97 (0.01)	11,000 (0.02)	26 U (0.02)
Aroclor 1260	UG/KG	590 U (0.05)	440 U (0.01)	21 U (0.01)	1,000 U (0.02)	26 U (0.02)
Total Polychlorinated Biphenyls	UG/KG	8,200 (0.05)	9,200 (0.01)	327 (0.01)	31,000 (0.02)	120 (0.02)
Miscellaneous Parameters						
Total Cyanide	MG/KG	1.5 U	1.4	2.6	0.90 U	1.3 U
Total Organic Carbon (TOC)	MG/KG	63,700 J	10,600	13,200	28,500	22,700
Solids, Percent	PERCENT	46.8	76.7	77.0	76.8	58.2
Total Cyanide (Secondary Lab)	MG/KG	NA	0.368	0.200	NA	NA
Ferric/Ferrous Iron Cyanide Complex	MG/KG	NA	0.386	0.124	NA	NA

Criteria- NYSDEC Technical Guidance for Screening Contaminated Sediments, Human Health Bioaccumulation, January 25, 1999.

(NV) - No Calculable Value, TOC Not Detected

Flags assigned during chemistry validation are shown.

 Concentration Exceeds Criteria.

J - The reported concentration is an estimated value.

D - Result reported from a secondary dilution analysis.

U - Not detected above the reported quantitation limit.

NA - Not Analyzed

Only Detected Results Reported.

Detection Limits shown are PQL

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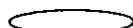
TABLE 4-26
SUMMARY OF DETECTED RI SEDIMENT ANALYTICAL RESULTS - HUMAN HEALTH
BIOACCUMULATION
NYSEG - FORMER TRANSIT STREET MGP SITE
LOCKPORT, NEW YORK

Location ID		SED-19	SED-20	SED-21	SED-22	SED-23
Sample ID		SED DUP 2	S-20 0-0.7	S-21 0-0.7	SED-22 2-3	SED-23 0-1
Matrix		Sediment	Sediment	Sediment	Sediment	Sediment
Depth Interval (ft)		0.0-1.0	0.0-0.7	0.0-0.7	2.0-3.0	0.0-1.0
Date Sampled		04/11/05	04/11/05	04/10/05	04/10/05	04/10/05
Parameter	Units	Field Duplicate (1-1)				
Volatile Organic Compounds						
Benzene	UG/KG	8 U (10.9)	7 U (9.8)	9 U (12.0)	7 U (42.5)	9 U (28.2)
Total BTEX	UG/KG	ND	ND	ND	ND	ND
Semivolatile Organic Compounds						
Acenaphthene	UG/KG	570 U	440 U	670 UJ	4,600 U	290 J
Acenaphthylene	UG/KG	570 U	440 U	670 UJ	4,600 U	330 J
Anthracene	UG/KG	570 U	440 U	670 UJ	4,600 U	840
Benzo(a)anthracene	UG/KG	570 U (23.5)	440 U (21.2)	860 J (26.0)	3,000 J (92.0)	3,000 (61.1)
Benzo(a)pyrene	UG/KG	570 U (23.5)	190 J (21.2)	770 J (26.0)	2,700 J (92.0)	2,800 (61.1)
Benzo(b)fluoranthene	UG/KG	340 J (23.5)	330 J (21.2)	930 J (26.0)	4,000 J (92.0)	4,000 (61.1)
Benzo(g,h,i)perylene	UG/KG	570 U	440 U	520 J	4,600 U	940
Benzo(k)fluoranthene	UG/KG	570 U (23.5)	440 U (21.2)	870 J (26.0)	4,600 U (92.0)	1,600 (61.1)
bis(2-Ethylhexyl)phthalate	UG/KG	360 J	300 J	440 J	9,200	28,000 D
Butylbenzylphthalate	UG/KG	570 U	440 U	670 UJ	4,600 U	1,300
Carbazole	UG/KG	570 U	440 U	670 UJ	4,600 U	310 J
Chrysene	UG/KG	280 J (23.5)	280 J (21.2)	1,600 J (26.0)	2,900 J (92.0)	3,000 (61.1)
Dibenz(a,h)anthracene	UG/KG	570 U	440 U	670 UJ	4,600 U	600 U
Dibenzofuran	UG/KG	570 U	440 U	670 UJ	4,600 U	600 U
Di-n-butylphthalate	UG/KG	570 U	440 U	670 UJ	4,600 U	600 U
Di-n-octylphthalate	UG/KG	66 J	440 U	93 J	4,600 U	2,300
Fluoranthene	UG/KG	530 J	400 J	1,900 J	7,000	5,800
Fluorene	UG/KG	570 U	440 U	670 UJ	4,600 U	380 J

Criteria- NYSDC Technical Guidance for Screening Contaminated Sediments, Human Health Bioaccumulation, January 25, 1999.

(NV) - No Calculable Value, TOC Not Detected

Flags assigned during chemistry validation are shown.



Concentration Exceeds Criteria.

J - The reported concentration is an estimated value.
D - Result reported from a secondary dilution analysis.
U - Not detected above the reported quantitation limit.
NA - Not Analyzed

Only Detected Results Reported.

Detection Limits shown are PQL

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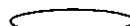
TABLE 4-26
SUMMARY OF DETECTED RI SEDIMENT ANALYTICAL RESULTS - HUMAN HEALTH
BIOACCUMULATION
NYSEG - FORMER TRANSIT STREET MGP SITE
LOCKPORT, NEW YORK

Location ID		SED-19	SED-20	SED-21	SED-22	SED-23
Sample ID		SED DUP 2	S-20 0-0.7	S-21 0-0.7	SED-22 2-3	SED-23 0-1
Matrix		Sediment	Sediment	Sediment	Sediment	Sediment
Depth Interval (ft)		0.0-1.0	0.0-0.7	0.0-0.7	2.0-3.0	0.0-1.0
Date Sampled		04/11/05	04/11/05	04/10/05	04/10/05	04/10/05
Parameter	Units	Field Duplicate (1-1)				
Semivolatile Organic Compounds						
Indeno(1,2,3-cd)pyrene	UG/KG	570 U (23.5)	440 U (21.2)	520 J (26.0)	4,600 U (92.0)	920 (61.1)
Naphthalene	UG/KG	570 U	440 U	670 UJ	4,600 U	600 U
Phenanthrene	UG/KG	250 J	140 J	710 J	4,500 J	3,200
Pyrene	UG/KG	410 J	350 J	1,600 J	5,300	4,700
Total Carcinogenic PAHs	UG/KG	620	800	5,550	12,600	15,320
Total Non-Carcinogenic PAHs	UG/KG	1,190	890	4,730	16,800	16,480
Total Polycyclic Aromatic Hydrocarbons	UG/KG	1,810	1,690	10,280	29,400	31,800
Total Semivolatile Organic Compounds	UG/KG	2,236	1,990	10,813	38,600	63,710
Polychlorinated Biphenyls						
Aroclor 1242	UG/KG	28 U (0.01)	23 U (0.01)	84 J (0.02)	220,000 (0.06)	1,500 U (0.04)
Aroclor 1248	UG/KG	85 (0.01)	82 (0.01)	34 UJ (0.02)	12,000 U (0.06)	7,700 (0.04)
Aroclor 1254	UG/KG	28 U (0.01)	32 (0.01)	48 J (0.02)	90,000 (0.06)	6,100 (0.04)
Aroclor 1260	UG/KG	28 U (0.01)	23 U (0.01)	34 UJ (0.02)	12,000 U (0.06)	1,500 U (0.04)
Total Polychlorinated Biphenyls	UG/KG	85 (0.01)	114 (0.01)	132 (0.02)	310,000 (0.06)	13,800 (0.04)
Miscellaneous Parameters						
Total Cyanide	MG/KG	1.9 U	1.2 U	1.7 U	1.1 U	1.3 U
Total Organic Carbon (TOC)	MG/KG	18,100	16,300	20,000 J	70,800	47,000 J
Solids, Percent	PERCENT	56.7	73.1	47.2	64.0	48.8
Total Cyanide (Secondary Lab)	MG/KG	NA	NA	NA	NA	NA
Ferric/Ferrous Iron Cyanide Complex	MG/KG	NA	NA	NA	NA	NA

Criteria- NYSDEC Technical Guidance for Screening Contaminated Sediments, Human Health Bioaccumulation, January 25, 1999.

(NV) - No Calculable Value, TOC Not Detected

Flags assigned during chemistry validation are shown.

 Concentration Exceeds Criteria.

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D - Result reported from a secondary dilution analysis.

U - Not detected above the reported quantitation limit.

NA - Not Analyzed

Only Detected Results Reported.

Detection Limits shown are PQL

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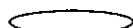
TABLE 4-26
SUMMARY OF DETECTED RI SEDIMENT ANALYTICAL RESULTS - HUMAN HEALTH
BIOACCUMULATION
NYSEG - FORMER TRANSIT STREET MGP SITE
LOCKPORT, NEW YORK

Location ID		SED-23	SED-23	SED-24	SED-24	SED-25
Sample ID		S231.5-2.5	SED DUP 1	SED-24 0-1	S241.5-2.5	SED 25 0-1
Matrix		Sediment	Sediment	Sediment	Sediment	Sediment
Depth Interval (ft)		1.5-2.5	1.5-2.5	0.0-1.0	1.5-2.5	0.0-1.0
Date Sampled		04/10/05	04/10/05	04/10/05	04/10/05	04/12/05
Parameter	Units		Field Duplicate (1-1)			
Volatile Organic Compounds						
Benzene	UG/KG	7 U (7.7)	7 U (4.8)	7 U (48.5)	6 U (10.5)	6 U (17.7)
Total BTEX	UG/KG	ND	ND	ND	ND	ND
Semivolatile Organic Compounds						
Acenaphthene	UG/KG	420 U	450 U	5,400 U	440 U	480
Acenaphthylene	UG/KG	420 U	450 U	5,400 U	440 U	1,700
Anthracene	UG/KG	420 U	450 U	5,400 U	440 U	1,000
Benzo(a)anthracene	UG/KG	420 U (16.6)	450 U (10.4)	2,900 J (105)	550 (22.8)	3,600 (38.4)
Benzo(a)pyrene	UG/KG	420 U (16.6)	450 U (10.4)	2,800 J (105)	520 (22.8)	3,200 (38.4)
Benzo(b)fluoranthene	UG/KG	420 U (16.6)	450 U (10.4)	3,900 J (105)	820 (22.8)	3,600 (38.4)
Benzo(g,h,i)perylene	UG/KG	420 U	450 U	5,400 U	440 U	960
Benzo(k)fluoranthene	UG/KG	420 U (16.6)	450 U (10.4)	5,400 U (105)	230 J (22.8)	1,200 (38.4)
bis(2-Ethylhexyl)phthalate	UG/KG	420 U	450 U	5,900	6,300	350 J
Butylbenzylphthalate	UG/KG	420 U	450 U	5,400 U	440 U	470 U
Carbazole	UG/KG	420 U	450 U	5,400 U	440 U	470 U
Chrysene	UG/KG	420 U (16.6)	450 U (10.4)	2,800 J (105)	550 (22.8)	3,200 (38.4)
Dibenz(a,h)anthracene	UG/KG	420 U	450 U	5,400 U	440 U	330 J
Dibenzofuran	UG/KG	420 U	450 U	5,400 U	440 U	470 U
Di-n-butylphthalate	UG/KG	420 U	450 U	5,400 U	440 U	470 U
Di-n-octylphthalate	UG/KG	420 U	450 U	660 J	440 U	470 U
Fluoranthene	UG/KG	180 J	450 U	7,300	1,100	8,100 D
Fluorene	UG/KG	420 U	450 U	5,400 U	440 U	600

Criteria- NYSDCE Technical Guidance for Screening Contaminated Sediments, Human Health Bioaccumulation, January 25, 1999.

(NV) - No Calculable Value, TOC Not Detected

Flags assigned during chemistry validation are shown.



Concentration Exceeds Criteria.

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D - Result reported from a secondary dilution analysis.

U - Not detected above the reported quantitation limit.

NA - Not Analyzed

Only Detected Results Reported.

Detection Limits shown are PQL

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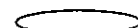
TABLE 4-26
SUMMARY OF DETECTED RI SEDIMENT ANALYTICAL RESULTS - HUMAN HEALTH
BIOACCUMULATION
NYSEG - FORMER TRANSIT STREET MGP SITE
LOCKPORT, NEW YORK

Location ID		SED-23	SED-23	SED-24	SED-24	SED-25
Sample ID		S231.5-2.5	SED DUP 1	SED-24 0-1	S241.5-2.5	SED 25 0-1
Matrix		Sediment	Sediment	Sediment	Sediment	Sediment
Depth Interval (ft)		1.5-2.5	1.5-2.5	0.0-1.0	1.5-2.5	0.0-1.0
Date Sampled		04/10/05	04/10/05	04/10/05	04/10/05	04/12/05
Parameter	Units		Field Duplicate (1-1)			
Semivolatile Organic Compounds						
Indeno(1,2,3-cd)pyrene	UG/KG	420 U (16.6)	450 U (10.4)	5,400 U (105)	440 U (22.8)	840 (38.4)
Naphthalene	UG/KG	420 U	450 U	5,400 U	440 U	470 U
Phenanthrene	UG/KG	420 U	450 U	5,800	580	1,600
Pyrene	UG/KG	420 U	450 U	5,100 J	850	5,700
Total Carcinogenic PAHs	UG/KG	ND	ND	12,400	2,670	15,970
Total Non-Carcinogenic PAHs	UG/KG	180	ND	18,200	2,530	20,140
Total Polycyclic Aromatic Hydrocarbons	UG/KG	180	ND	30,600	5,200	36,110
Total Semivolatile Organic Compounds	UG/KG	180	ND	37,160	11,500	36,460
Polychlorinated Biphenyls						
Aroclor 1242	UG/KG	21 U (0.01)	23 U (0.01)	14,000 U (0.06)	4,600 (0.01)	120 U (0.02)
Aroclor 1248	UG/KG	44 (0.01)	21 J (0.01)	40,000 (0.06)	220 U (0.01)	860 (0.02)
Aroclor 1254	UG/KG	21 U (0.01)	23 U (0.01)	26,000 (0.06)	900 (0.01)	120 U (0.02)
Aroclor 1260	UG/KG	21 U (0.01)	23 U (0.01)	14,000 U (0.06)	220 U (0.01)	120 U (0.02)
Total Polychlorinated Biphenyls	UG/KG	44 (0.01)	21 (0.01)	66,000 (0.06)	5,500 (0.01)	860 (0.02)
Miscellaneous Parameters						
Total Cyanide	MG/KG	1.3 U	1.2 U	1.4 U	1.0 U	1.1 U
Total Organic Carbon (TOC)	MG/KG	12,800	8,020	80,900	17,500	29,500
Solids, Percent	PERCENT	74.6	76.4	62.8	80.8	75.8
Total Cyanide (Secondary Lab)	MG/KG	NA	NA	NA	NA	NA
Ferric/Ferrous Iron Cyanide Complex	MG/KG	NA	NA	NA	NA	NA

Criteria- NYSDEC Technical Guidance for Screening Contaminated Sediments, Human Health Bioaccumulation, January 25, 1999.

(NV) - No Calculable Value, TOC Not Detected

Flags assigned during chemistry validation are shown.



Concentration Exceeds Criteria.

J - The reported concentration is an estimated value.

D - Result reported from a secondary dilution analysis.

U - Not detected above the reported quantitation limit.

NA - Not Analyzed

Only Detected Results Reported.

Detection Limits shown are PQL

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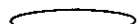
TABLE 4-26
SUMMARY OF DETECTED RI SEDIMENT ANALYTICAL RESULTS - HUMAN HEALTH
BIOACCUMULATION
NYSEG - FORMER TRANSIT STREET MGP SITE
LOCKPORT, NEW YORK

Location ID		SED-26	SED-26	SED-27	SED-28	SED-28
Sample ID		SED 26 0-1	SED 26 3-4	SED-27	SED 28 0-1	SED 28 1-2
Matrix		Sediment	Sediment	Sediment	Sediment	Sediment
Depth Interval (ft)		0.0-1.0	3.0-4.0	-	0.0-1.0	1.0-2.0
Date Sampled		04/12/05	04/12/05	04/09/05	04/12/05	04/12/05
Parameter	Units					
Volatile Organic Compounds						
Benzene	UG/KG	7 U (13.9)	8 U (17.8)	7 U (8.6)	6 U (15.4)	6 U (16.0)
Total BTEX	UG/KG	ND	ND	ND	ND	ND
Semivolatile Organic Compounds						
Acenaphthene	UG/KG	450 U	510 U	530 U	440 U	450 U
Acenaphthylene	UG/KG	450 U	510 U	530 U	440 U	450 U
Anthracene	UG/KG	450 U	510 U	530 U	440 U	450 U
Benzo(a)anthracene	UG/KG	450 U (30.2)	510 U (38.5)	530 U (18.6)	440 U (33.3)	450 U (34.6)
Benzo(a)pyrene	UG/KG	450 U (30.2)	510 U (38.5)	530 U (18.6)	160 J (33.3)	450 U (34.6)
Benzo(b)fluoranthene	UG/KG	450 U (30.2)	510 U (38.5)	530 U (18.6)	300 J (33.3)	450 U (34.6)
Benzo(g,h,i)perylene	UG/KG	450 U	510 U	530 U	440 U	450 U
Benzo(k)fluoranthene	UG/KG	450 U (30.2)	510 U (38.5)	530 U (18.6)	300 J (33.3)	450 U (34.6)
bis(2-Ethylhexyl)phthalate	UG/KG	450 U	230 J	530 U	1,100	280 J
Butylbenzylphthalate	UG/KG	450 U	510 U	530 U	440 U	450 U
Carbazole	UG/KG	450 U	510 U	530 U	440 U	450 U
Chrysene	UG/KG	450 U (30.2)	510 U (38.5)	530 U (18.6)	440 U (33.3)	450 U (34.6)
Dibenz(a,h)anthracene	UG/KG	450 U	510 U	530 U	440 U	450 U
Dibenzofuran	UG/KG	450 U	510 U	530 U	440 U	450 U
Di-n-butylphthalate	UG/KG	450 U	510 U	530 U	440 U	450 U
Di-n-octylphthalate	UG/KG	450 U	56 J	530 U	440 U	450 U
Fluoranthene	UG/KG	450 U	260 J	530 U	330 J	220 J
Fluorene	UG/KG	450 U	510 U	530 U	440 U	450 U

Criteria- NYSDEC Technical Guidance for Screening Contaminated Sediments, Human Health Bioaccumulation, January 25, 1999.

(NV) - No Calculable Value, TOC Not Detected

Flags assigned during chemistry validation are shown.

 Concentration Exceeds Criteria.

J - The reported concentration is an estimated value.

D - Result reported from a secondary dilution analysis.

U - Not detected above the reported quantitation limit.

NA - Not Analyzed

Only Detected Results Reported.

Detection Limits shown are PQL

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TABLE 4-26
SUMMARY OF DETECTED RI SEDIMENT ANALYTICAL RESULTS - HUMAN HEALTH
BIOACCUMULATION
NYSEG - FORMER TRANSIT STREET MGP SITE
LOCKPORT, NEW YORK

Location ID		SED-26	SED-26	SED-27	SED-28	SED-28
Sample ID		SED 26 0-1	SED 26 3-4	SED-27	SED 28 0-1	SED 28 1-2
Matrix		Sediment	Sediment	Sediment	Sediment	Sediment
Depth Interval (ft)		0.0-1.0	3.0-4.0	-	0.0-1.0	1.0-2.0
Date Sampled		04/12/05	04/12/05	04/09/05	04/12/05	04/12/05
Parameter	Units					
Semivolatile Organic Compounds						
Indeno(1,2,3-cd)pyrene	UG/KG	450 U (30.2)	510 U (38.5)	530 U (18.6)	440 U (33.3)	450 U (34.6)
Naphthalene	UG/KG	450 U	510 U	530 U	440 U	450 U
Phenanthrene	UG/KG	450 U	150 J	530 U	130 J	450 U
Pyrene	UG/KG	450 U	220 J	530 U	240 J	170 J
Total Carcinogenic PAHs	UG/KG	ND	ND	ND	760	ND
Total Non-Carcinogenic PAHs	UG/KG	ND	630	ND	700	390
Total Polycyclic Aromatic Hydrocarbons	UG/KG	ND	630	ND	1,460	390
Total Semivolatile Organic Compounds	UG/KG	ND	916	ND	2,560	670
Polychlorinated Biphenyls						
Aroclor 1242	UG/KG	23 U (0.02)	26 U (0.02)	28 U (0.01)	23 U (0.02)	23 U (0.02)
Aroclor 1248	UG/KG	69 (0.02)	360 (0.02)	29 (0.01)	350 (0.02)	480 (0.02)
Aroclor 1254	UG/KG	52 (0.02)	110 (0.02)	29 (0.01)	150 (0.02)	200 (0.02)
Aroclor 1260	UG/KG	23 U (0.02)	26 U (0.02)	18 J (0.01)	23 U (0.02)	23 U (0.02)
Total Polychlorinated Biphenyls	UG/KG	121 (0.02)	470 (0.02)	76 (0.01)	500 (0.02)	680 (0.02)
Miscellaneous Parameters						
Total Cyanide	MG/KG	1.3 U	1.5 U	0.95 U	1.3 U	1.4 U
Total Organic Carbon (TOC)	MG/KG	23,200	29,600	14,300	25,600	26,600
Solids, Percent	PERCENT	70.2	61.9	52.5	68.5	71.3
Total Cyanide (Secondary Lab)	MG/KG	NA	NA	NA	NA	NA
Ferric/Ferrous Iron Cyanide Complex	MG/KG	NA	NA	NA	NA	NA

Criteria- NYSDEC Technical Guidance for Screening Contaminated Sediments, Human Health Bioaccumulation, January 25, 1999.

(NV) - No Calculable Value, TOC Not Detected

Flags assigned during chemistry validation are shown.

 Concentration Exceeds Criteria.

J - The reported concentration is an estimated value.

D - Result reported from a secondary dilution analysis.

U - Not detected above the reported quantitation limit.

NA - Not Analyzed

Only Detected Results Reported.

Detection Limits shown are PQL

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TABLE 4-26
SUMMARY OF DETECTED RI SEDIMENT ANALYTICAL RESULTS - HUMAN HEALTH
BIOACCUMULATION
NYSEG - FORMER TRANSIT STREET MGP SITE
LOCKPORT, NEW YORK

Location ID		SED-29	SED-30	SED-30	SED-31	SED-31
Sample ID		SED 29 0.5-1.5	SED 30 0-1	SED 30 1-2	SED 31 0-1	SED 31 1-2
Matrix		Sediment	Sediment	Sediment	Sediment	Sediment
Depth Interval (ft)		0.5-1.5	0.0-1.0	1.0-2.0	0.0-1.0	1.0-2.0
Date Sampled		04/12/05	04/12/05	04/12/05	04/12/05	04/12/05
Parameter	Units					
Volatile Organic Compounds						
Benzene	UG/KG	7 U (16.5)	7 U (15.7)	7 U (14.3)	6 U (16.2)	6 U (14.3)
Total BTEX	UG/KG	ND	ND	ND	ND	ND
Semivolatile Organic Compounds						
Acenaphthene	UG/KG	460 U	450 U	440 U	390 U	440 U
Acenaphthylene	UG/KG	140 J	450 U	440 U	390 U	440 U
Anthracene	UG/KG	310 J	450 U	440 U	390 U	440 U
Benzo(a)anthracene	UG/KG	730 (35.8)	450 U (33.9)	330 J (30.9)	330 J (35.1)	440 U (31.1)
Benzo(a)pyrene	UG/KG	600 (35.8)	450 U (33.9)	250 J (30.9)	310 J (35.1)	190 J (31.1)
Benzo(b)fluoranthene	UG/KG	810 (35.8)	450 U (33.9)	460 (30.9)	570 (35.1)	260 J (31.1)
Benzo(g,h,i)perylene	UG/KG	460 U	450 U	440 U	390 U	440 U
Benzo(k)fluoranthene	UG/KG	460 U (35.8)	450 U (33.9)	460 (30.9)	570 (35.1)	440 U (31.1)
bis(2-Ethylhexyl)phthalate	UG/KG	460 U	450 U	280 J	390 U	440 U
Butylbenzylphthalate	UG/KG	460 U	450 U	440 U	390 U	440 U
Carbazole	UG/KG	460 U	450 U	440 U	390 U	440 U
Chrysene	UG/KG	580 (35.8)	450 U (33.9)	370 J (30.9)	340 J (35.1)	170 J (31.1)
Dibenz(a,h)anthracene	UG/KG	460 U	450 U	440 U	390 U	440 U
Dibenzofuran	UG/KG	460 U	450 U	440 U	390 U	440 U
Di-n-butylphthalate	UG/KG	460 U	450 U	440 U	390 U	440 U
Di-n-octylphthalate	UG/KG	460 U	450 U	440 U	390 U	440 U
Fluoranthene	UG/KG	1,600	450 U	1,000	570	380 J
Fluorene	UG/KG	460 U	450 U	440 U	390 U	440 U

Criteria- NYSDEC Technical Guidance for Screening Contaminated Sediments, Human Health Bioaccumulation, January 25, 1999.

(NV) - No Calculable Value, TOC Not Detected

Flags assigned during chemistry validation are shown.

 Concentration Exceeds Criteria.

J - The reported concentration is an estimated value.

D - Result reported from a secondary dilution analysis.

U - Not detected above the reported quantitation limit.

NA - Not Analyzed

Only Detected Results Reported.

Detection Limits shown are PQL

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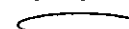
TABLE 4-26
SUMMARY OF DETECTED RI SEDIMENT ANALYTICAL RESULTS - HUMAN HEALTH
BIOACCUMULATION
NYSEG - FORMER TRANSIT STREET MGP SITE
LOCKPORT, NEW YORK

Location ID		SED-29	SED-30	SED-30	SED-31	SED-31
Sample ID		SED 29 0.5-1.5	SED 30 0-1	SED 30 1-2	SED 31 0-1	SED 31 1-2
Matrix		Sediment	Sediment	Sediment	Sediment	Sediment
Depth Interval (ft)		0.5-1.5	0.0-1.0	1.0-2.0	0.0-1.0	1.0-2.0
Date Sampled		04/12/05	04/12/05	04/12/05	04/12/05	04/12/05
Parameter	Units					
Semivolatile Organic Compounds						
Indeno(1,2,3-cd)pyrene	UG/KG	460 U (35.8)	450 U (33.9)	440 U (30.9)	390 U (35.1)	440 U (31.1)
Naphthalene	UG/KG	460 U	450 U	440 U	390 U	440 U
Phenanthrene	UG/KG	790	450 U	440 U	210 J	140 J
Pyrene	UG/KG	1,000	450 U	680	400	280 J
Total Carcinogenic PAHs	UG/KG	2,720	ND	1,870	2,120	620
Total Non-Carcinogenic PAHs	UG/KG	3,840	ND	1,680	1,180	800
Total Polycyclic Aromatic Hydrocarbons	UG/KG	6,560	ND	3,550	3,300	1,420
Total Semivolatile Organic Compounds	UG/KG	6,560	ND	3,830	3,300	1,420
Polychlorinated Biphenyls						
Aroclor 1242	UG/KG	24 U (0.02)	23 U (0.02)	46 U (0.02)	190 U (0.02)	22 U (0.02)
Aroclor 1248	UG/KG	400 (0.02)	410 (0.02)	640 (0.02)	980 (0.02)	270 (0.02)
Aroclor 1254	UG/KG	170 (0.02)	23 U (0.02)	46 U (0.02)	1,300 (0.02)	120 (0.02)
Aroclor 1260	UG/KG	24 U (0.02)	23 U (0.02)	46 U (0.02)	190 U (0.02)	22 U (0.02)
Total Polychlorinated Biphenyls	UG/KG	570 (0.02)	410 (0.02)	640 (0.02)	2,280 (0.02)	390 (0.02)
Miscellaneous Parameters						
Total Cyanide	MG/KG	1.4 U	1.1 U	1.3 U	1.2 U	1.3 U
Total Organic Carbon (TOC)	MG/KG	27,500	26,100	23,800	27,000	23,900
Solids, Percent	PERCENT	71.6	71.0	68.4	77.1	78.6
Total Cyanide (Secondary Lab)	MG/KG	NA	NA	NA	NA	NA
Ferric/Ferrous Iron Cyanide Complex	MG/KG	NA	NA	NA	NA	NA

Criteria- NYSDEC Technical Guidance for Screening Contaminated Sediments, Human Health Bioaccumulation, January 25, 1999.

(NV) - No Calculable Value, TOC Not Detected

Flags assigned during chemistry validation are shown.

 Concentration Exceeds Criteria.

J - The reported concentration is an estimated value.

D - Result reported from a secondary dilution analysis.

U - Not detected above the reported quantitation limit.

NA - Not Analyzed

Only Detected Results Reported.

Detection Limits shown are PQL

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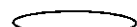
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SUMMARY OF DETECTED RI SEDIMENT ANALYTICAL RESULTS - HUMAN HEALTH
BIOACCUMULATION
NYSEG - FORMER TRANSIT STREET MGP SITE
LOCKPORT, NEW YORK

Location ID		SED-32	SED-32	SED-33	SED-34	SED-35
Sample ID		SED 32 0-1	SED 32 4-4.8	SED 33 0-1	SED 34 0-1	SED 35 0-1
Matrix		Sediment	Sediment	Sediment	Sediment	Sediment
Depth Interval (ft)		0.0-1.0	4.0-4.8	0.0-1.0	0.0-1.0	0.0-1.0
Date Sampled		04/12/05	04/12/05	04/12/05	04/12/05	04/12/05
Parameter	Units					
Volatile Organic Compounds						
Benzene	UG/KG	7 U (19.6)	8 U (17.8)	9 U (13.3)	7 U (9.3)	7 U (10.4)
Total BTEX	UG/KG	ND	ND	ND	ND	ND
Semivolatile Organic Compounds						
Acenaphthene	UG/KG	450 U	510 U	620 U	470 U	490 U
Acenaphthylene	UG/KG	450 U	510 U	620 U	470 U	490 U
Anthracene	UG/KG	450 U	510 U	620 U	470 U	490 U
Benzo(a)anthracene	UG/KG	450 U (42.5)	570 (38.6)	620 U (28.7)	470 U (20.2)	490 U (22.6)
Benzo(a)pyrene	UG/KG	220 J (42.5)	570 (38.6)	620 U (28.7)	470 U (20.2)	180 J (22.6)
Benzo(b)fluoranthene	UG/KG	310 J (42.5)	670 (38.6)	620 U (28.7)	470 U (20.2)	250 J (22.6)
Benzo(g,h,i)perylene	UG/KG	450 U	510 U	620 U	470 U	490 U
Benzo(k)fluoranthene	UG/KG	450 U (42.5)	510 U (38.6)	620 U (28.7)	470 U (20.2)	490 U (22.6)
bis(2-Ethylhexyl)phthalate	UG/KG	290 J	510 U	620 U	470 U	490 U
Butylbenzylphthalate	UG/KG	450 U	510 U	620 U	470 U	490 U
Carbazole	UG/KG	450 U	510 U	620 U	470 U	490 U
Chrysene	UG/KG	210 J (42.5)	470 J (38.6)	620 U (28.7)	470 U (20.2)	180 J (22.6)
Dibenz(a,h)anthracene	UG/KG	450 U	510 U	620 U	470 U	490 U
Dibenzofuran	UG/KG	450 U	510 U	620 U	470 U	490 U
Di-n-butylphthalate	UG/KG	450 U	510 U	620 U	470 U	490 U
Di-n-octylphthalate	UG/KG	450 U	510 U	620 U	470 U	490 U
Fluoranthene	UG/KG	350 J	1,100	620 U	470 U	430 J
Fluorene	UG/KG	450 U	510 U	620 U	470 U	490 U

Criteria- NYSDEC Technical Guidance for Screening Contaminated Sediments, Human Health Bioaccumulation, January 25, 1999.

(NV) - No Calculable Value, TOC Not Detected

Flags assigned during chemistry validation are shown.

 Concentration Exceeds Criteria.

J - The reported concentration is an estimated value.

D - Result reported from a secondary dilution analysis.

U - Not detected above the reported quantitation limit.

NA - Not Analyzed

Only Detected Results Reported.

Detection Limits shown are PQL

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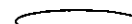
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SUMMARY OF DETECTED RI SEDIMENT ANALYTICAL RESULTS - HUMAN HEALTH
BIOACCUMULATION
NYSEG - FORMER TRANSIT STREET MGP SITE
LOCKPORT, NEW YORK

Location ID		SED-32	SED-32	SED-33	SED-34	SED-35
Sample ID		SED 32 0-1	SED 32 4-4.8	SED 33 0-1	SED 34 0-1	SED 35 0-1
Matrix		Sediment	Sediment	Sediment	Sediment	Sediment
Depth Interval (ft)		0.0-1.0	4.0-4.8	0.0-1.0	0.0-1.0	0.0-1.0
Date Sampled		04/12/05	04/12/05	04/12/05	04/12/05	04/12/05
Parameter	Units					
Semivolatile Organic Compounds						
Indeno(1,2,3-cd)pyrene	UG/KG	450 U (42.5)	510 U (38.6)	620 U (28.7)	470 U (20.2)	490 U (22.6)
Naphthalene	UG/KG	450 U	510 U	620 U	470 U	490 U
Phenanthrene	UG/KG	140 J	320 J	620 U	470 U	200 J
Pyrene	UG/KG	270 J	860	620 U	470 U	340 J
Total Carcinogenic PAHs	UG/KG	740	2,280	ND	ND	610
Total Non-Carcinogenic PAHs	UG/KG	760	2,280	ND	ND	970
Total Polycyclic Aromatic Hydrocarbons	UG/KG	1,500	4,560	ND	ND	1,580
Total Semivolatile Organic Compounds	UG/KG	1,790	4,560	ND	ND	1,580
Polychlorinated Biphenyls						
Aroclor 1242	UG/KG	110 U (0.03)	26 U (0.02)	31 U (0.02)	23 U (0.01)	25 U (0.01)
Aroclor 1248	UG/KG	660 (0.03)	38 (0.02)	24 J (0.02)	160 (0.01)	43 (0.01)
Aroclor 1254	UG/KG	410 (0.03)	62 (0.02)	31 U (0.02)	79 (0.01)	29 (0.01)
Aroclor 1260	UG/KG	110 U (0.03)	26 U (0.02)	31 U (0.02)	23 U (0.01)	25 U (0.01)
Total Polychlorinated Biphenyls	UG/KG	1,070 (0.03)	100 (0.02)	24 (0.02)	239 (0.01)	72 (0.01)
Miscellaneous Parameters						
Total Cyanide	MG/KG	1.2 U	1.6 U	1.8 U	1.3 U	1.6 U
Total Organic Carbon (TOC)	MG/KG	32,700	29,700	22,100	15,500	17,400
Solids, Percent	PERCENT	68.8	65.6	50.3	71.6	64.8
Total Cyanide (Secondary Lab)	MG/KG	NA	NA	NA	NA	NA
Ferric/Ferrous Iron Cyanide Complex	MG/KG	NA	NA	NA	NA	NA

Criteria- NYSDEC Technical Guidance for Screening Contaminated Sediments, Human Health Bioaccumulation, January 25, 1999.

(NV) - No Calculable Value, TOC Not Detected

Flags assigned during chemistry validation are shown.

 Concentration Exceeds Criteria.

J - The reported concentration is an estimated value.

D - Result reported from a secondary dilution analysis.

U - Not detected above the reported quantitation limit.

NA - Not Analyzed

Only Detected Results Reported.

Detection Limits shown are PQL

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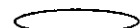
TABLE 4-26
SUMMARY OF DETECTED RI SEDIMENT ANALYTICAL RESULTS - HUMAN HEALTH
BIOACCUMULATION
NYSEG - FORMER TRANSIT STREET MGP SITE
LOCKPORT, NEW YORK

Location ID		SED-36
Sample ID		SED 36 0-1
Matrix		Sediment
Depth Interval (ft)		0.0-1.0
Date Sampled		04/12/05
Parameter	Units	
Volatile Organic Compounds		
Benzene	UG/KG	10 U (15.6)
Total BTEX	UG/KG	ND
Semivolatile Organic Compounds		
Acenaphthene	UG/KG	630 U
Acenaphthylene	UG/KG	630 U
Anthracene	UG/KG	630 U
Benzo(a)anthracene	UG/KG	630 U (33.8)
Benzo(a)pyrene	UG/KG	630 U (33.8)
Benzo(b)fluoranthene	UG/KG	630 U (33.8)
Benzo(g,h,i)perylene	UG/KG	630 U
Benzo(k)fluoranthene	UG/KG	630 U (33.8)
bis(2-Ethylhexyl)phthalate	UG/KG	630 U
Butylbenzylphthalate	UG/KG	630 U
Carbazole	UG/KG	630 U
Chrysene	UG/KG	630 U (33.8)
Dibenz(a,h)anthracene	UG/KG	630 U
Dibenzofuran	UG/KG	630 U
Di-n-butylphthalate	UG/KG	630 U
Di-n-octylphthalate	UG/KG	630 U
Fluoranthene	UG/KG	630 U
Fluorene	UG/KG	630 U

Criteria- NYSDEC Technical Guidance for Screening Contaminated Sediments, Human Health Bioaccumulation, January 25, 1999.

(NV) - No Calculable Value, TOC Not Detected

Flags assigned during chemistry validation are shown.



Concentration Exceeds Criteria.

J - The reported concentration is an estimated value.

D - Result reported from a secondary dilution analysis.

U - Not detected above the reported quantitation limit.

NA - Not Analyzed

Only Detected Results Reported.

Detection Limits shown are PQL

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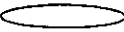
TABLE 4-26
SUMMARY OF DETECTED RI SEDIMENT ANALYTICAL RESULTS - HUMAN HEALTH
BIOACCUMULATION
NYSEG - FORMER TRANSIT STREET MGP SITE
LOCKPORT, NEW YORK

Location ID		SED-36
Sample ID		SED 36 0-1
Matrix		Sediment
Depth Interval (ft)		0.0-1.0
Date Sampled		04/12/05
Parameter	Units	
Semivolatile Organic Compounds		
Indeno(1,2,3-cd)pyrene	UG/KG	630 U (33.8)
Naphthalene	UG/KG	630 U
Phenanthrene	UG/KG	630 U
Pyrene	UG/KG	630 U
Total Carcinogenic PAHs	UG/KG	ND
Total Non-Carcinogenic PAHs	UG/KG	ND
Total Polycyclic Aromatic Hydrocarbons	UG/KG	ND
Total Semivolatile Organic Compounds	UG/KG	ND
Polychlorinated Biphenyls		
Aroclor 1242	UG/KG	32 U (0.02)
Aroclor 1248	UG/KG	17 J (0.02)
Aroclor 1254	UG/KG	32 U (0.02)
Aroclor 1260	UG/KG	32 U (0.02)
Total Polychlorinated Biphenyls	UG/KG	17 (0.02)
Miscellaneous Parameters		
Total Cyanide	MG/KG	1.6 U
Total Organic Carbon (TOC)	MG/KG	26,000
Solids, Percent	PERCENT	50.0
Total Cyanide (Secondary Lab)	MG/KG	NA
Ferric/Ferrous Iron Cyanide Complex	MG/KG	NA

Criteria- NYSDEC Technical Guidance for Screening Contaminated Sediments, Human Health Bioaccumulation, January 25, 1999.

(NV) - No Calculable Value, TOC Not Detected

Flags assigned during chemistry validation are shown.

 Concentration Exceeds Criteria.

J - The reported concentration is an estimated value.

D - Result reported from a secondary dilution analysis.

U - Not detected above the reported quantitation limit.

NA - Not Analyzed

Only Detected Results Reported.

Detection Limits shown are PQL

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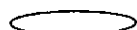
TABLE 4-27
SUMMARY OF DETECTED RI SEDIMENT ANALYTICAL RESULTS - WILDLIFE BIOACCUMULATION
NYSEG - FORMER TRANSIT STREET MGP SITE
LOCKPORT, NEW YORK

Location ID		SED-01	SED-02	SED-02	SED-03	SED-03
Sample ID		SED-1	SED-2 0-1	SED2 2.5-3	SED-3 0-1	SED3 3.5-4
Matrix		Sediment	Sediment	Sediment	Sediment	Sediment
Depth Interval (ft)		0.0-1.0	0.0-1.0	2.5-3.0	0.0-1.0	3.5-4.0
Date Sampled		04/09/05	04/09/05	04/09/05	04/09/05	04/09/05
Parameter	Units					
Volatile Organic Compounds						
Benzene	UG/KG	8 U	8 U	8 U	8 U	8 U
Total BTEX	UG/KG	ND	ND	ND	ND	ND
Semivolatile Organic Compounds						
Acenaphthene	UG/KG	490 U	500 U	480 U	520 U	530 U
Acenaphthylene	UG/KG	490 U	500 U	480 U	520 U	530 U
Anthracene	UG/KG	490 U	500 U	480 U	520 U	530 U
Benzo(a)anthracene	UG/KG	490 U	500 U	400 J	520 U	530 U
Benzo(a)pyrene	UG/KG	180 J	500 U	420 J	520 U	190 J
Benzo(b)fluoranthene	UG/KG	240 J	500 U	620	520 U	260 J
Benzo(g,h,i)perylene	UG/KG	490 U	500 U	480 U	520 U	530 U
Benzo(k)fluoranthene	UG/KG	490 U	500 U	240 J	520 U	530 U
bis(2-Ethylhexyl)phthalate	UG/KG	490 U	500 U	540	1,600	3,400
Butylbenzylphthalate	UG/KG	490 U	500 U	320 J	520 U	530 U
Carbazole	UG/KG	490 U	500 U	480 U	520 U	530 U
Chrysene	UG/KG	490 U	500 U	370 J	520 U	530 U
Dibenz(a,h)anthracene	UG/KG	490 U	500 U	480 U	520 U	530 U
Dibenzofuran	UG/KG	490 U	500 U	480 U	520 U	530 U
Di-n-butylphthalate	UG/KG	490 U	500 U	480 U	520 U	530 U
Di-n-octylphthalate	UG/KG	490 U	500 U	310 J	210 J	530 U
Fluoranthene	UG/KG	420 J	200 J	750	290 J	470 J
Fluorene	UG/KG	490 U	500 U	480 U	520 U	530 U
Indeno(1,2,3-cd)pyrene	UG/KG	490 U	500 U	480 U	520 U	530 U

Criteria- cal Guidance for Screening Contaminated Sediments, Wildlife Bioaccumulation, January 25, 1999.

(NV) - No Calculable Value, TOC Not Detected

Flags assigned during chemistry validation are shown.



Concentration Exceeds Criteria.

J - The reported concentration is an estimated value.

D - Result reported from a secondary dilution analysis.

U - Not detected above the reported quantitation limit.

NA - Not Analyzed

Only Detected Results Reported.

Detection Limits shown are PQL

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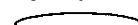
TABLE 4-27
SUMMARY OF DETECTED RI SEDIMENT ANALYTICAL RESULTS - WILDLIFE BIOACCUMULATION
NYSEG - FORMER TRANSIT STREET MGP SITE
LOCKPORT, NEW YORK

Location ID		SED-01	SED-02	SED-02	SED-03	SED-03
Sample ID		SED-1	SED-2 0-1	SED2 2.5-3	SED-3 0-1	SED3 3.5-4
Matrix		Sediment	Sediment	Sediment	Sediment	Sediment
Depth Interval (ft)		0.0-1.0	0.0-1.0	2.5-3.0	0.0-1.0	3.5-4.0
Date Sampled		04/09/05	04/09/05	04/09/05	04/09/05	04/09/05
Parameter	Units					
Semivolatile Organic Compounds						
Naphthalene	UG/KG	490 U	500 U	480 U	520 U	530 U
Phenanthrene	UG/KG	340 J	500 U	350 J	520 U	280 J
Pyrene	UG/KG	330 J	500 U	670	220 J	390 J
Total Carcinogenic PAHs	UG/KG	420	ND	2,050	ND	450
Total Non-Carcinogenic PAHs	UG/KG	1,090	200	1,770	510	1,140
Total Polycyclic Aromatic Hydrocarbons	UG/KG	1,510	200	3,820	510	1,590
Total Semivolatile Organic Compounds	UG/KG	1,510	200	4,990	2,320	4,990
Polychlorinated Biphenyls						
Aroclor 1242	UG/KG	25 U (29.4)	26 U (35.1)	120 U (23.7)	25 U (24.6)	2,400 (28.3)
Aroclor 1248	UG/KG	57 (29.4)	65 (35.1)	1,400 (23.7)	140 (24.6)	1,700 (28.3)
Aroclor 1254	UG/KG	33 (29.4)	40 (35.1)	810 (23.7)	81 (24.6)	860 (28.3)
Aroclor 1260	UG/KG	13 J (29.4)	26 U (35.1)	120 U (23.7)	25 U (24.6)	600 (28.3)
Total Polychlorinated Biphenyls	UG/KG	103 (29.4)	105 (35.1)	2,210 (23.7)	221 (24.6)	5,560 (28.3)
Miscellaneous Parameters						
Total Cyanide	MG/KG	1.5 U	1.2 U	0.95 U	1.1 U	0.99 U
Total Organic Carbon (TOC)	MG/KG	21,000	25,100	16,900	17,600	20,200
Solids, Percent	PERCENT	63.0	61.8	74.4	64.3	61.2
Total Cyanide (Secondary Lab)	MG/KG	NA	NA	NA	NA	NA
Ferric/Ferrous Iron Cyanide Complex	MG/KG	NA	NA	NA	NA	NA

Criteria - cal Guidance for Screening Contaminated Sediments, Wildlife Bioaccumulation, January 25, 1999.

(NV) - No Calculable Value, TOC Not Detected

Flags assigned during chemistry validation are shown.

 Concentration Exceeds Criteria.

J - The reported concentration is an estimated value.

D - Result reported from a secondary dilution analysis.

U - Not detected above the reported quantitation limit.

NA - Not Analyzed

Only Detected Results Reported.

Detection Limits shown are PQL

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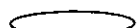
TABLE 4-27
SUMMARY OF DETECTED RI SEDIMENT ANALYTICAL RESULTS - WILDLIFE BIOACCUMULATION
NYSEG - FORMER TRANSIT STREET MGP SITE
LOCKPORT, NEW YORK

Location ID		SED-04	SED-04	SED-05	SED-05	SED-06
Sample ID		SED-4 0-1	SED4 3.5-4	SED-5 0-1	SED5 3.5-4	SED-06 0-1
Matrix		Sediment	Sediment	Sediment	Sediment	Sediment
Depth Interval (ft)		0.0-1.0	3.5-4.0	0.0-1.0	3.5-4.0	0.0-1.0
Date Sampled		04/09/05	04/09/05	04/09/05	04/09/05	04/11/05
Parameter	Units					
Volatile Organic Compounds						
Benzene	UG/KG	7 U	7 U	7 U	8 U	6 U
Total BTEX	UG/KG	ND	ND	ND	ND	ND
Semivolatile Organic Compounds						
Acenaphthene	UG/KG	450 U	480 U	470 U	500 U	410 U
Acenaphthylene	UG/KG	450 U	480 U	470 U	500 U	290 J
Anthracene	UG/KG	450 U	480 U	470 U	500 U	260 J
Benzo(a)anthracene	UG/KG	230 J	480 U	470 U	500 U	880
Benzo(a)pyrene	UG/KG	230 J	480 U	470 U	500 U	990
Benzo(b)fluoranthene	UG/KG	330 J	270 J	470 U	500 U	1,200
Benzo(g,h,i)perylene	UG/KG	450 U	480 U	470 U	500 U	370 J
Benzo(k)fluoranthene	UG/KG	450 U	480 U	470 U	500 U	390 J
bis(2-Ethylhexyl)phthalate	UG/KG	210 J	480 U	350 J	500 U	330 J
Butylbenzylphthalate	UG/KG	450 U	480 U	470 U	500 U	410 U
Carbazole	UG/KG	450 U	480 U	470 U	500 U	410 U
Chrysene	UG/KG	250 J	190 J	470 U	500 U	1,100
Dibenz(a,h)anthracene	UG/KG	450 U	480 U	470 U	500 U	410 U
Dibenzofuran	UG/KG	450 U	480 U	470 U	500 U	410 U
Di-n-butylphthalate	UG/KG	450 U	480 U	470 U	500 U	410 U
Di-n-octylphthalate	UG/KG	450 U	480 U	470 U	500 U	410 U
Fluoranthene	UG/KG	540	390 J	190 J	500 U	1,900
Fluorene	UG/KG	450 U	480 U	470 U	500 U	410 U
Indeno(1,2,3-cd)pyrene	UG/KG	450 U	480 U	470 U	500 U	330 J

Criteria - cal Guidance for Screening Contaminated Sediments, Wildlife Bioaccumulation, January 25, 1999.

(NV) - No Calculable Value, TOC Not Detected

Flags assigned during chemistry validation are shown.

 Concentration Exceeds Criteria.

J - The reported concentration is an estimated value.

D - Result reported from a secondary dilution analysis.

U - Not detected above the reported quantitation limit.

NA - Not Analyzed

Only Detected Results Reported.

Detection Limits shown are PQL

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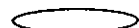
TABLE 4-27
SUMMARY OF DETECTED RI SEDIMENT ANALYTICAL RESULTS - WILDLIFE BIOACCUMULATION
NYSEG - FORMER TRANSIT STREET MGP SITE
LOCKPORT, NEW YORK

Location ID		SED-04	SED-04	SED-05	SED-05	SED-06
Sample ID		SED-4 0-1	SED4 3.5-4	SED-5 0-1	SED5 3.5-4	SED-06 0-1
Matrix		Sediment	Sediment	Sediment	Sediment	Sediment
Depth Interval (ft)		0.0-1.0	3.5-4.0	0.0-1.0	3.5-4.0	0.0-1.0
Date Sampled		04/09/05	04/09/05	04/09/05	04/09/05	04/11/05
Parameter	Units					
Semivolatile Organic Compounds						
Naphthalene	UG/KG	450 U	480 U	470 U	500 U	410 U
Phenanthrene	UG/KG	300 J	220 J	470 U	500 U	740
Pyrene	UG/KG	440 J	330 J	470 U	500 U	1,400
Total Carcinogenic PAHs	UG/KG	1,040	460	ND	ND	4,890
Total Non-Carcinogenic PAHs	UG/KG	1,280	940	190	ND	4,960
Total Polycyclic Aromatic Hydrocarbons	UG/KG	2,320	1,400	190	ND	9,850
Total Semivolatile Organic Compounds	UG/KG	2,530	1,400	540	ND	10,180
Polychlorinated Biphenyls						
Aroclor 1242	UG/KG	23 U (23.8)	24 U (23.8)	120 U (34.9)	25 U (32.2)	21 U (33.7)
Aroclor 1248	UG/KG	200 (23.8)	110 (23.8)	950 (34.9)	67 (32.2)	390 (33.7)
Aroclor 1254	UG/KG	100 (23.8)	76 (23.8)	490 (34.9)	110 (32.2)	21 U (33.7)
Aroclor 1260	UG/KG	23 U (23.8)	44 (23.8)	120 U (34.9)	25 U (32.2)	21 U (33.7)
Total Polychlorinated Biphenyls	UG/KG	300 (23.8)	230 (23.8)	1,440 (34.9)	177 (32.2)	390 (33.7)
Miscellaneous Parameters						
Total Cyanide	MG/KG	1.5 U	1.2 U	0.96 U	1.3 U	1.6
Total Organic Carbon (TOC)	MG/KG	17,000	17,000	24,900	23,000	24,100
Solids, Percent	PERCENT	70.1	67.8	65.2	64.7	75.6
Total Cyanide (Secondary Lab)	MG/KG	NA	NA	NA	NA	0.264
Ferric/Ferrous Iron Cyanide Complex	MG/KG	NA	NA	NA	NA	0.203

Criteria - cal Guidance for Screening Contaminated Sediments, Wildlife Bioaccumulation, January 25, 1999.

(NV) - No Calculable Value, TOC Not Detected

Flags assigned during chemistry validation are shown.



Concentration Exceeds Criteria.

J - The reported concentration is an estimated value.

D - Result reported from a secondary dilution analysis.

U - Not detected above the reported quantitation limit.

NA - Not Analyzed

Only Detected Results Reported.

Detection Limits shown are PQL

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TABLE 4-27
SUMMARY OF DETECTED RI SEDIMENT ANALYTICAL RESULTS - WILDLIFE BIOACCUMULATION
NYSEG - FORMER TRANSIT STREET MGP SITE
LOCKPORT, NEW YORK

Location ID		SED-06	SED-07	SED-08	SED-09	SED-09
Sample ID		SED-06 1-2	SED-07 0-1	SED-08 0-1	SED-09 0-1	SED DUP 3
Matrix		Sediment	Sediment	Sediment	Sediment	Sediment
Depth Interval (ft)		1.0-2.0	0.0-1.0	0.0-1.0	0.0-1.0	3.0-4.0
Date Sampled		04/11/05	04/11/05	04/11/05	04/11/05	04/11/05
Parameter	Units					Field Duplicate (1-1)
Volatile Organic Compounds						
Benzene	UG/KG	6 U	7 UJ	8 U	7 U	8 U
Total BTEX	UG/KG	ND	ND	ND	ND	ND
Semivolatile Organic Compounds						
Acenaphthene	UG/KG	410 U	460 U	260 J	490 U	520 U
Acenaphthylene	UG/KG	260 J	460 U	450	490 U	520 U
Anthracene	UG/KG	410 U	460 U	220 J	490 U	520 U
Benzo(a)anthracene	UG/KG	890	460 U	1,300	490 U	520 U
Benzo(a)pyrene	UG/KG	720	190 J	1,100	490 U	520 U
Benzo(b)fluoranthene	UG/KG	1,000	260 J	1,400	490 U	520 U
Benzo(g,h,i)perylene	UG/KG	410 U	460 U	600	490 U	520 U
Benzo(k)fluoranthene	UG/KG	1,000	460 U	1,400	490 U	520 U
bis(2-Ethylhexyl)phthalate	UG/KG	410 U	700	590	490 U	520 U
Butylbenzylphthalate	UG/KG	410 U	460 U	450 U	490 U	520 U
Carbazole	UG/KG	410 U	460 U	450 U	490 U	520 U
Chrysene	UG/KG	700	210 J	1,000	490 U	520 U
Dibenz(a,h)anthracene	UG/KG	410 U	460 U	450 U	490 U	520 U
Dibenzofuran	UG/KG	410 U	460 U	450 U	490 U	520 U
Di-n-butylphthalate	UG/KG	410 U	2,400	450 U	490 U	520 U
Di-n-octylphthalate	UG/KG	410 U	460 U	450 U	490 U	520 U
Fluoranthene	UG/KG	1,400	410 J	2,200	490 U	520 U
Fluorene	UG/KG	410 U	460 U	180 J	490 U	520 U
Indeno(1,2,3-cd)pyrene	UG/KG	410 U	460 U	450	490 U	520 U

Criteria - cal Guidance for Screening Contaminated Sediments, Wildlife Bioaccumulation, January 25, 1999.

(NV) - No Calculable Value, TOC Not Detected

Flags assigned during chemistry validation are shown.



Concentration Exceeds Criteria.

J - The reported concentration is an estimated value.
D - Result reported from a secondary dilution analysis.
U - Not detected above the reported quantitation limit.
NA - Not Analyzed

Only Detected Results Reported.

Detection Limits shown are PQL

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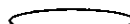
TABLE 4-27
SUMMARY OF DETECTED RI SEDIMENT ANALYTICAL RESULTS - WILDLIFE BIOACCUMULATION
NYSEG - FORMER TRANSIT STREET MGP SITE
LOCKPORT, NEW YORK

Location ID		SED-06	SED-07	SED-08	SED-09	SED-09
Sample ID		SED-06 1-2	SED-07 0-1	SED-08 0-1	SED-09 0-1	SED DUP 3
Matrix		Sediment	Sediment	Sediment	Sediment	Sediment
Depth Interval (ft)		1.0-2.0	0.0-1.0	0.0-1.0	0.0-1.0	3.0-4.0
Date Sampled		04/11/05	04/11/05	04/11/05	04/11/05	04/11/05
Parameter	Units					Field Duplicate (1-1)
Semivolatile Organic Compounds						
Naphthalene	UG/KG	410 U	460 U	450 U	490 U	520 U
Phenanthrene	UG/KG	250 J	150 J	180 J	490 U	520 U
Pyrene	UG/KG	1,200	380 J	2,400	490 U	520 U
Total Carcinogenic PAHs	UG/KG	4,310	660	6,650	ND	ND
Total Non-Carcinogenic PAHs	UG/KG	3,110	940	6,490	ND	ND
Total Polycyclic Aromatic Hydrocarbons	UG/KG	7,420	1,600	13,140	ND	ND
Total Semivolatile Organic Compounds	UG/KG	7,420	4,700	13,730	ND	ND
Polychlorinated Biphenyls						
Aroclor 1242	UG/KG	21 U (33.7)	110 U (36.3)	450 U (34.0)	24 U (37.8)	26 U (41.2)
Aroclor 1248	UG/KG	250 (33.7)	1,100 (36.3)	2,800 (34.0)	180 (37.8)	86 (41.2)
Aroclor 1254	UG/KG	21 U (33.7)	110 U (36.3)	450 U (34.0)	140 (37.8)	57 (41.2)
Aroclor 1260	UG/KG	21 U (33.7)	110 U (36.3)	450 U (34.0)	24 U (37.8)	26 U (41.2)
Total Polychlorinated Biphenyls	UG/KG	250 (33.7)	1,100 (36.3)	2,800 (34.0)	320 (37.8)	143 (41.2)
Miscellaneous Parameters						
Total Cyanide	MG/KG	1.3 U	1.3 U	1.3 U	1.5	1.4 U
Total Organic Carbon (TOC)	MG/KG	24,100	25,900	24,300	27,000	29,400
Solids, Percent	PERCENT	80.2	68.4	65.0	65.6	62.7
Total Cyanide (Secondary Lab)	MG/KG	NA	NA	NA	0.440	NA
Ferric/Ferrous Iron Cyanide Complex	MG/KG	NA	NA	NA	0.267	NA

Criteria - cal Guidance for Screening Contaminated Sediments, Wildlife Bioaccumulation, January 25, 1999.

(NV) - No Calculable Value, TOC Not Detected

Flags assigned during chemistry validation are shown.

 Concentration Exceeds Criteria.

J - The reported concentration is an estimated value.

D - Result reported from a secondary dilution analysis.

U - Not detected above the reported quantitation limit.

NA - Not Analyzed

Only Detected Results Reported.

Detection Limits shown are PQL

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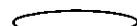
TABLE 4-27
SUMMARY OF DETECTED RI SEDIMENT ANALYTICAL RESULTS - WILDLIFE BIOACCUMULATION
NYSEG - FORMER TRANSIT STREET MGP SITE
LOCKPORT, NEW YORK

Location ID		SED-09	SED-10	SED-10	SED-11	SED-12
Sample ID		SED-09 3-4	SED-10 0-1	SED-10 1-2	S11 .5-1.5	SED-12 0-1
Matrix		Sediment	Sediment	Sediment	Sediment	Sediment
Depth Interval (ft)		3.0-4.0	0.0-1.0	1.0-2.0	0.5-1.5	0.0-1.0
Date Sampled		04/11/05	04/11/05	04/11/05	04/11/05	04/10/05
Parameter	Units					
Volatile Organic Compounds						
Benzene	UG/KG	8 U	6 U	7 U	6 UJ	8 U
Total BTEX	UG/KG	ND	ND	ND	ND	ND
Semivolatile Organic Compounds						
Acenaphthene	UG/KG	500 U	410 U	420 U	430 U	2,100 U
Acenaphthylene	UG/KG	500 U	410 U	420 U	430 U	2,100 U
Anthracene	UG/KG	500 U	410 U	420 U	430 U	2,100 U
Benzo(a)anthracene	UG/KG	500 U	230 J	420 U	430 U	2,100 U
Benzo(a)pyrene	UG/KG	500 U	240 J	420 U	430 U	820 J
Benzo(b)fluoranthene	UG/KG	500 U	310 J	420 U	430 U	2,100 U
Benzo(g,h,i)perylene	UG/KG	500 U	410 U	420 U	430 U	2,100 U
Benzo(k)fluoranthene	UG/KG	500 U	410 U	420 U	430 U	2,100 U
bis(2-Ethylhexyl)phthalate	UG/KG	500 U	1,300	420 U	430 U	1,800 J
Butylbenzylphthalate	UG/KG	500 U	410 U	420 U	430 U	2,100 U
Carbazole	UG/KG	500 U	410 U	420 U	430 U	2,100 U
Chrysene	UG/KG	500 U	240 J	420 U	430 U	1,100 J
Dibenz(a,h)anthracene	UG/KG	500 U	410 U	420 U	430 U	2,100 U
Dibenzofuran	UG/KG	500 U	410 U	420 U	430 U	2,100 U
Di-n-butylphthalate	UG/KG	500 U	410 U	420 U	430 U	2,100 U
Di-n-octylphthalate	UG/KG	500 U	410 U	420 U	430 U	2,100 U
Fluoranthene	UG/KG	500 U	460	420 U	210 J	1,900 J
Fluorene	UG/KG	500 U	410 U	420 U	430 U	2,100 U
Indeno(1,2,3-cd)pyrene	UG/KG	500 U	410 U	420 U	430 U	2,100 U

Criteria - cal Guidance for Screening Contaminated Sediments, Wildlife Bioaccumulation, January 25, 1999.

(NV) - No Calculable Value, TOC Not Detected

Flags assigned during chemistry validation are shown.

 Concentration Exceeds Criteria.

J - The reported concentration is an estimated value.

D - Result reported from a secondary dilution analysis.

U - Not detected above the reported quantitation limit.

NA - Not Analyzed

Only Detected Results Reported.

Detection Limits shown are PQL

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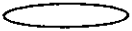
TABLE 4-27
SUMMARY OF DETECTED RI SEDIMENT ANALYTICAL RESULTS - WILDLIFE BIOACCUMULATION
NYSEG - FORMER TRANSIT STREET MGP SITE
LOCKPORT, NEW YORK

Location ID		SED-09	SED-10	SED-10	SED-11	SED-12
Sample ID		SED-09 3-4	SED-10 0-1	SED-10 1-2	S11 .5-1.5	SED-12 0-1
Matrix		Sediment	Sediment	Sediment	Sediment	Sediment
Depth Interval (ft)		3.0-4.0	0.0-1.0	1.0-2.0	0.5-1.5	0.0-1.0
Date Sampled		04/11/05	04/11/05	04/11/05	04/11/05	04/10/05
Parameter	Units					
Semivolatile Organic Compounds						
Naphthalene	UG/KG	500 U	410 U	420 U	430 U	2,100 U
Phenanthrene	UG/KG	500 U	140 J	420 U	430 U	830 J
Pyrene	UG/KG	500 U	410	420 U	190 J	1,600 J
Total Carcinogenic PAHs	UG/KG	ND	1,020	ND	ND	1,920
Total Non-Carcinogenic PAHs	UG/KG	ND	1,010	ND	400	4,330
Total Polycyclic Aromatic Hydrocarbons	UG/KG	ND	2,030	ND	400	6,250
Total Semivolatile Organic Compounds	UG/KG	ND	3,330	ND	400	8,050
Polychlorinated Biphenyls						
Aroclor 1242	UG/KG	25 U (40.3)	40 U (35.8)	21 U (36.5)	22 U (38.6)	27 U (38.1)
Aroclor 1248	UG/KG	27 (40.3)	400 (35.8)	240 (36.5)	190 (38.6)	330 (38.1)
Aroclor 1254	UG/KG	22 J (40.3)	270 (35.8)	120 (36.5)	98 (38.6)	150 (38.1)
Aroclor 1260	UG/KG	25 U (40.3)	40 U (35.8)	21 U (36.5)	22 U (38.6)	27 U (38.1)
Total Polychlorinated Biphenyls	UG/KG	49 (40.3)	670 (35.8)	360 (36.5)	288 (38.6)	480 (38.1)
Miscellaneous Parameters						
Total Cyanide	MG/KG	1.6 U	1.1 U	1.3 U	1.4 U	1.6 U
Total Organic Carbon (TOC)	MG/KG	28,800	25,600	26,100	27,600	27,200
Solids, Percent	PERCENT	62.3	74.5	73.5	74.9	60.3
Total Cyanide (Secondary Lab)	MG/KG	NA	NA	NA	NA	NA
Ferric/Ferrous Iron Cyanide Complex	MG/KG	NA	NA	NA	NA	NA

Criteria - cal Guidance for Screening Contaminated Sediments, Wildlife Bioaccumulation, January 25, 1999.

(NV) - No Calculable Value, TOC Not Detected

Flags assigned during chemistry validation are shown.

 Concentration Exceeds Criteria.

J - The reported concentration is an estimated value.

D - Result reported from a secondary dilution analysis.

U - Not detected above the reported quantitation limit.

NA - Not Analyzed

Only Detected Results Reported.

Detection Limits shown are PQL

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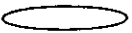
TABLE 4-27
SUMMARY OF DETECTED RI SEDIMENT ANALYTICAL RESULTS - WILDLIFE BIOACCUMULATION
NYSEG - FORMER TRANSIT STREET MGP SITE
LOCKPORT, NEW YORK

Location ID		SED-13	SED-13	SED-14	SED-14	SED-15
Sample ID		SED-13 0-1	SED-13 2-3	S14.5-1.5	S141.5-2.5	S15.5-1.5
Matrix		Sediment	Sediment	Sediment	Sediment	Sediment
Depth Interval (ft)		0.0-1.0	2.0-3.0	0.5-1.5	1.5-2.5	0.5-1.5
Date Sampled		04/10/05	04/10/05	04/10/05	04/10/05	04/10/05
Parameter	Units					
Volatile Organic Compounds						
Benzene	UG/KG	9 U	7 U	7 U	7 U	7 U
Total BTEX	UG/KG	ND	ND	ND	ND	ND
Semivolatile Organic Compounds						
Acenaphthene	UG/KG	590 U	2,000 U	480 U	460 U	4,400 U
Acenaphthylene	UG/KG	590 U	2,000 U	480 U	460 U	2,100 J
Anthracene	UG/KG	590 U	2,000 U	480 U	460 U	4,400 U
Benzo(a)anthracene	UG/KG	590 U	2,000 U	480 U	460 U	7,800
Benzo(a)pyrene	UG/KG	290 J	2,000 U	480 U	460 U	6,600
Benzo(b)fluoranthene	UG/KG	360 J	2,000 U	480 U	460 U	7,300
Benzo(g,h,i)perylene	UG/KG	590 U	2,000 U	480 U	460 U	4,400 U
Benzo(k)fluoranthene	UG/KG	590 U	2,000 U	480 U	460 U	2,200 J
bis(2-Ethylhexyl)phthalate	UG/KG	280 J	1,600 J	480 U	460 U	8,400
Butylbenzylphthalate	UG/KG	590 U	2,000 U	480 U	460 U	2,600 J
Carbazole	UG/KG	590 U	2,000 U	480 U	460 U	4,400 U
Chrysene	UG/KG	400 J	2,000 U	480 U	460 U	6,200
Dibenz(a,h)anthracene	UG/KG	590 U	2,000 U	480 U	460 U	4,400 U
Dibenzofuran	UG/KG	590 U	2,000 U	480 U	460 U	4,400 U
Di-n-butylphthalate	UG/KG	590 U	2,000 U	480 U	460 U	4,400 U
Di-n-octylphthalate	UG/KG	590 U	2,000 U	480 U	460 U	4,400 U
Fluoranthene	UG/KG	730	1,200 J	220 J	460 U	11,000
Fluorene	UG/KG	590 U	2,000 U	480 U	460 U	4,400 U
Indeno(1,2,3-cd)pyrene	UG/KG	590 U	2,000 U	480 U	460 U	4,400 U

Criteria- cal Guidance for Screening Contaminated Sediments, Wildlife Bioaccumulation, January 25, 1999.

(NV) - No Calculable Value, TOC Not Detected

Flags assigned during chemistry validation are shown.

 Concentration Exceeds Criteria.

J - The reported concentration is an estimated value.

D - Result reported from a secondary dilution analysis.

U - Not detected above the reported quantitation limit.

NA - Not Analyzed

Only Detected Results Reported.

Detection Limits shown are PQL

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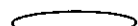
TABLE 4-27
SUMMARY OF DETECTED RI SEDIMENT ANALYTICAL RESULTS - WILDLIFE BIOACCUMULATION
NYSEG - FORMER TRANSIT STREET MGP SITE
LOCKPORT, NEW YORK

Location ID		SED-13	SED-13	SED-14	SED-14	SED-15
Sample ID		SED-13 0-1	SED-13 2-3	S14.5-1.5	S141.5-2.5	S15.5-1.5
Matrix		Sediment	Sediment	Sediment	Sediment	Sediment
Depth Interval (ft)		0.0-1.0	2.0-3.0	0.5-1.5	1.5-2.5	0.5-1.5
Date Sampled		04/10/05	04/10/05	04/10/05	04/10/05	04/10/05
Parameter	Units					
Semivolatile Organic Compounds						
Naphthalene	UG/KG	590 U	2,000 U	480 U	460 U	4,400 U
Phenanthrene	UG/KG	360 J	2,000 U	480 U	460 U	4,200 J
Pyrene	UG/KG	590	1,000 J	180 J	460 U	12,000
Total Carcinogenic PAHs	UG/KG	1,050	ND	ND	ND	30,100
Total Non-Carcinogenic PAHs	UG/KG	1,680	2,200	400	ND	29,300
Total Polycyclic Aromatic Hydrocarbons	UG/KG	2,730	2,200	400	ND	59,400
Total Semivolatile Organic Compounds	UG/KG	3,010	3,800	400	ND	70,400
Polychlorinated Biphenyls						
Aroclor 1242	UG/KG	30 U (39.2)	4,000 (45.2)	24 U (22.4)	23 U (24.5)	21,000 (18.8)
Aroclor 1248	UG/KG	53 (39.2)	250 U (45.2)	190 (22.4)	7.0 J (24.5)	2,200 U (18.8)
Aroclor 1254	UG/KG	31 (39.2)	970 (45.2)	24 U (22.4)	23 U (24.5)	16,000 (18.8)
Aroclor 1260	UG/KG	30 U (39.2)	250 U (45.2)	24 U (22.4)	23 U (24.5)	2,200 U (18.8)
Total Polychlorinated Biphenyls	UG/KG	84 (39.2)	4,970 (45.2)	190 (22.4)	7 (24.5)	37,000 (18.8)
Miscellaneous Parameters						
Total Cyanide	MG/KG	1.3 U	1.5 U	0.82 U	1.3 U	1.5 U
Total Organic Carbon (TOC)	MG/KG	28,000	32,300	16,000	17,500	13,400
Solids, Percent	PERCENT	54.9	63.9	69.2	66.3	68.4
Total Cyanide (Secondary Lab)	MG/KG	NA	NA	NA	NA	NA
Ferric/Ferrous Iron Cyanide Complex	MG/KG	NA	NA	NA	NA	NA

Criteria- cal Guidance for Screening Contaminated Sediments, Wildlife Bioaccumulation, January 25, 1999.

(NV) - No Calculable Value, TOC Not Detected

Flags assigned during chemistry validation are shown.

 Concentration Exceeds Criteria.

J - The reported concentration is an estimated value.

D - Result reported from a secondary dilution analysis.

U - Not detected above the reported quantitation limit.

NA - Not Analyzed

Only Detected Results Reported.

Detection Limits shown are PQL

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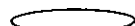
TABLE 4-27
SUMMARY OF DETECTED RI SEDIMENT ANALYTICAL RESULTS - WILDLIFE BIOACCUMULATION
NYSEG - FORMER TRANSIT STREET MGP SITE
LOCKPORT, NEW YORK

Location ID		SED-15	SED-16	SED-17	SED-18	SED-19
Sample ID		S151.5-2.5	SED-16 0-1	SED-17 0-1	SED-18 0-1	SED 19 0-1
Matrix		Sediment	Sediment	Sediment	Sediment	Sediment
Depth Interval (ft)		1.5-2.5	0.0-1.0	0.0-1.0	0.0-1.0	0.0-1.0
Date Sampled		04/10/05	04/09/05	04/09/05	04/09/05	04/11/05
Parameter	Units					
Volatile Organic Compounds						
Benzene	UG/KG	8 U	6 U	2 J	6 U	8 U
Total BTEX	UG/KG	ND	ND	2	ND	ND
Semivolatile Organic Compounds						
Acenaphthene	UG/KG	1,100 J	270 J	410 U	260 J	510 U
Acenaphthylene	UG/KG	2,900 U	810	290 J	230 J	510 U
Anthracene	UG/KG	1,300 J	870	370 J	870	510 U
Benzo(a)anthracene	UG/KG	2,300 J	3,500	1,400	2,200	510 U
Benzo(a)pyrene	UG/KG	2,000 J	3,500	1,400	1,900	190 J
Benzo(b)fluoranthene	UG/KG	1,400 J	3,700	1,600	2,700	310 J
Benzo(g,h,i)perylene	UG/KG	2,900 U	1,100	490	560	510 U
Benzo(k)fluoranthene	UG/KG	1,800 J	1,400	640	770	510 U
bis(2-Ethylhexyl)phthalate	UG/KG	2,000 J	350 J	410 U	4,800	270 J
Butylbenzylphthalate	UG/KG	2,900 U	440 U	410 U	400 U	510 U
Carbazole	UG/KG	2,900 U	420 J	410 U	340 J	510 U
Chrysene	UG/KG	2,700 J	3,200	1,200	2,000	310 J
Dibenz(a,h)anthracene	UG/KG	2,900 U	400 J	410 U	400 U	510 U
Dibenzofuran	UG/KG	2,900 U	150 J	410 U	200 J	510 U
Di-n-butylphthalate	UG/KG	2,900 U	440 U	410 U	390 J	510 U
Di-n-octylphthalate	UG/KG	2,900 U	440 U	410 U	400 U	510 U
Fluoranthene	UG/KG	4,800	4,900	2,200	4,800	580
Fluorene	UG/KG	2,900 U	330 J	160 J	410	510 U
Indeno(1,2,3-cd)pyrene	UG/KG	2,900 U	1,100	500	580	510 U

Criteria - cal Guidance for Screening Contaminated Sediments, Wildlife Bioaccumulation, January 25, 1999.

(NV) - No Calculable Value, TOC Not Detected

Flags assigned during chemistry validation are shown.

 Concentration Exceeds Criteria.

J - The reported concentration is an estimated value.

D - Result reported from a secondary dilution analysis.

U - Not detected above the reported quantitation limit.

NA - Not Analyzed

Only Detected Results Reported.

Detection Limits shown are PQL

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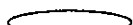
TABLE 4-27
SUMMARY OF DETECTED RI SEDIMENT ANALYTICAL RESULTS - WILDLIFE BIOACCUMULATION
NYSEG - FORMER TRANSIT STREET MGP SITE
LOCKPORT, NEW YORK

Location ID		SED-15	SED-16	SED-17	SED-18	SED-19
Sample ID		S151.5-2.5	SED-16 0-1	SED-17 0-1	SED-18 0-1	SED 19 0-1
Matrix		Sediment	Sediment	Sediment	Sediment	Sediment
Depth Interval (ft)		1.5-2.5	0.0-1.0	0.0-1.0	0.0-1.0	0.0-1.0
Date Sampled		04/10/05	04/09/05	04/09/05	04/09/05	04/11/05
Parameter	Units					
Semivolatile Organic Compounds						
Naphthalene	UG/KG	2,900 U	160 J	410 U	140 J	510 U
Phenanthrene	UG/KG	6,500	2,400	1,000	2,900	270 J
Pyrene	UG/KG	4,300	4,000	2,000	4,000	440 J
Total Carcinogenic PAHs	UG/KG	10,200	16,800	6,740	10,150	810
Total Non-Carcinogenic PAHs	UG/KG	18,000	14,840	6,510	14,170	1,290
Total Polycyclic Aromatic Hydrocarbons	UG/KG	28,200	31,640	13,250	24,320	2,100
Total Semivolatile Organic Compounds	UG/KG	30,200	32,560	13,250	30,050	2,370
Polychlorinated Biphenyls						
Aroclor 1242	UG/KG	590 U (89.2)	440 U (14.8)	21 U (18.5)	1,000 U (39.9)	26 U (31.8)
Aroclor 1248	UG/KG	8,200 (89.2)	9,200 (14.8)	230 (18.5)	20,000 (39.9)	120 (31.8)
Aroclor 1254	UG/KG	590 U (89.2)	440 U (14.8)	97 (18.5)	11,000 (39.9)	26 U (31.8)
Aroclor 1260	UG/KG	590 U (89.2)	440 U (14.8)	21 U (18.5)	1,000 U (39.9)	26 U (31.8)
Total Polychlorinated Biphenyls	UG/KG	8,200 (89.2)	9,200 (14.8)	327 (18.5)	31,000 (39.9)	120 (31.8)
Miscellaneous Parameters						
Total Cyanide	MG/KG	1.5 U	1.4	2.6	0.90 U	1.3 U
Total Organic Carbon (TOC)	MG/KG	63,700 J	10,600	13,200	28,500	22,700
Solids, Percent	PERCENT	46.8	76.7	77.0	76.8	58.2
Total Cyanide (Secondary Lab)	MG/KG	NA	0.368	0.200	NA	NA
Ferric/Ferrous Iron Cyanide Complex	MG/KG	NA	0.386	0.124	NA	NA

Criteria- cal Guidance for Screening Contaminated Sediments, Wildlife Bioaccumulation, January 25, 1999.

(NV) - No Calculable Value, TOC Not Detected

Flags assigned during chemistry validation are shown.

 Concentration Exceeds Criteria.

J - The reported concentration is an estimated value.

D - Result reported from a secondary dilution analysis.

U - Not detected above the reported quantitation limit.

NA - Not Analyzed

Only Detected Results Reported.

Detection Limits shown are PQL

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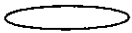
TABLE 4-27
SUMMARY OF DETECTED RI SEDIMENT ANALYTICAL RESULTS - WILDLIFE BIOACCUMULATION
NYSEG - FORMER TRANSIT STREET MGP SITE
LOCKPORT, NEW YORK

Location ID		SED-19	SED-20	SED-21	SED-22	SED-23
Sample ID		SED DUP 2	S-20 0-0.7	S-21 0-0.7	SED-22 2-3	SED-23 0-1
Matrix		Sediment	Sediment	Sediment	Sediment	Sediment
Depth Interval (ft)		0.0-1.0	0.0-0.7	0.0-0.7	2.0-3.0	0.0-1.0
Date Sampled		04/11/05	04/11/05	04/10/05	04/10/05	04/10/05
Parameter	Units	Field Duplicate (1-1)				
Volatile Organic Compounds						
Benzene	UG/KG	8 U	7 U	9 U	7 U	9 U
Total BTEX	UG/KG	ND	ND	ND	ND	ND
Semivolatile Organic Compounds						
Acenaphthene	UG/KG	570 U	440 U	670 UJ	4,600 U	290 J
Acenaphthylene	UG/KG	570 U	440 U	670 UJ	4,600 U	330 J
Anthracene	UG/KG	570 U	440 U	670 UJ	4,600 U	840
Benzo(a)anthracene	UG/KG	570 U	440 U	860 J	3,000 J	3,000
Benzo(a)pyrene	UG/KG	570 U	190 J	770 J	2,700 J	2,800
Benzo(b)fluoranthene	UG/KG	340 J	330 J	930 J	4,000 J	4,000
Benzo(g,h,i)perylene	UG/KG	570 U	440 U	520 J	4,600 U	940
Benzo(k)fluoranthene	UG/KG	570 U	440 U	870 J	4,600 U	1,600
bis(2-Ethylhexyl)phthalate	UG/KG	360 J	300 J	440 J	9,200	28,000 D
Butylbenzylphthalate	UG/KG	570 U	440 U	670 UJ	4,600 U	1,300
Carbazole	UG/KG	570 U	440 U	670 UJ	4,600 U	310 J
Chrysene	UG/KG	280 J	280 J	1,600 J	2,900 J	3,000
Dibenz(a,h)anthracene	UG/KG	570 U	440 U	670 UJ	4,600 U	600 U
Dibenzofuran	UG/KG	570 U	440 U	670 UJ	4,600 U	600 U
Di-n-butylphthalate	UG/KG	570 U	440 U	670 UJ	4,600 U	600 U
Di-n-octylphthalate	UG/KG	66 J	440 U	93 J	4,600 U	2,300
Fluoranthene	UG/KG	530 J	400 J	1,900 J	7,000	5,800
Fluorene	UG/KG	570 U	440 U	670 UJ	4,600 U	380 J
Indeno(1,2,3-cd)pyrene	UG/KG	570 U	440 U	520 J	4,600 U	920

Criteria - cal Guidance for Screening Contaminated Sediments, Wildlife Bioaccumulation, January 25, 1999.

(NV) - No Calculable Value, TOC Not Detected

Flags assigned during chemistry validation are shown.

 Concentration Exceeds Criteria.

J - The reported concentration is an estimated value.

D - Result reported from a secondary dilution analysis.

U - Not detected above the reported quantitation limit.

NA - Not Analyzed

Only Detected Results Reported.

Detection Limits shown are PQL

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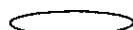
TABLE 4-27
SUMMARY OF DETECTED RI SEDIMENT ANALYTICAL RESULTS - WILDLIFE BIOACCUMULATION
NYSEG - FORMER TRANSIT STREET MGP SITE
LOCKPORT, NEW YORK

Location ID		SED-19	SED-20	SED-21	SED-22	SED-23
Sample ID		SED DUP 2	S-20 0-0.7	S-21 0-0.7	SED-22 2-3	SED-23 0-1
Matrix		Sediment	Sediment	Sediment	Sediment	Sediment
Depth Interval (ft)		0.0-1.0	0.0-0.7	0.0-0.7	2.0-3.0	0.0-1.0
Date Sampled		04/11/05	04/11/05	04/10/05	04/10/05	04/10/05
Parameter	Units	Field Duplicate (1-1)				
Semivolatile Organic Compounds						
Naphthalene	UG/KG	570 U	440 U	670 UJ	4,600 U	600 U
Phenanthrene	UG/KG	250 J	140 J	710 J	4,500 J	3,200
Pyrene	UG/KG	410 J	350 J	1,600 J	5,300	4,700
Total Carcinogenic PAHs	UG/KG	620	800	5,550	12,600	15,320
Total Non-Carcinogenic PAHs	UG/KG	1,190	890	4,730	16,800	16,480
Total Polycyclic Aromatic Hydrocarbons	UG/KG	1,810	1,690	10,280	29,400	31,800
Total Semivolatile Organic Compounds	UG/KG	2,236	1,990	10,813	38,600	63,710
Polychlorinated Biphenyls						
Aroclor 1242	UG/KG	28 U (25.3)	23 U (22.8)	84 J (28.0)	220,000 (99.1)	1,500 U (65.8)
Aroclor 1248	UG/KG	85 (25.3)	82 (22.8)	34 UJ (28.0)	12,000 U (99.1)	7,700 (65.8)
Aroclor 1254	UG/KG	28 U (25.3)	32 (22.8)	48 J (28.0)	90,000 (99.1)	6,100 (65.8)
Aroclor 1260	UG/KG	28 U (25.3)	23 U (22.8)	34 UJ (28.0)	12,000 U (99.1)	1,500 U (65.8)
Total Polychlorinated Biphenyls	UG/KG	85 (25.3)	114 (22.8)	132 (28.0)	310,000 (99.1)	13,800 (65.8)
Miscellaneous Parameters						
Total Cyanide	MG/KG	1.9 U	1.2 U	1.7 U	1.1 U	1.3 U
Total Organic Carbon (TOC)	MG/KG	18,100	16,300	20,000 J	70,800	47,000 J
Solids, Percent	PERCENT	56.7	73.1	47.2	64.0	48.8
Total Cyanide (Secondary Lab)	MG/KG	NA	NA	NA	NA	NA
Ferric/Ferrous Iron Cyanide Complex	MG/KG	NA	NA	NA	NA	NA

Criteria- cal Guidance for Screening Contaminated Sediments, Wildlife Bioaccumulation, January 25, 1999.

(NV) - No Calculable Value, TOC Not Detected

Flags assigned during chemistry validation are shown.



Concentration Exceeds Criteria.

J - The reported concentration is an estimated value.

D - Result reported from a secondary dilution analysis.

U - Not detected above the reported quantitation limit.

NA - Not Analyzed

Only Detected Results Reported.

Detection Limits shown are PQL

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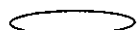
TABLE 4-27
SUMMARY OF DETECTED RI SEDIMENT ANALYTICAL RESULTS - WILDLIFE BIOACCUMULATION
NYSEG - FORMER TRANSIT STREET MGP SITE
LOCKPORT, NEW YORK

Location ID		SED-23	SED-23	SED-24	SED-24	SED-25
Sample ID		S231.5-2.5	SED DUP 1	SED-24 0-1	S241.5-2.5	SED 25 0-1
Matrix		Sediment	Sediment	Sediment	Sediment	Sediment
Depth Interval (ft)		1.5-2.5	1.5-2.5	0.0-1.0	1.5-2.5	0.0-1.0
Date Sampled		04/10/05	04/10/05	04/10/05	04/10/05	04/12/05
Parameter	Units		Field Duplicate (1-1)			
Volatile Organic Compounds						
Benzene	UG/KG	7 U	7 U	7 U	6 U	6 U
Total BTEX	UG/KG	ND	ND	ND	ND	ND
Semivolatile Organic Compounds						
Acenaphthene	UG/KG	420 U	450 U	5,400 U	440 U	480
Acenaphthylene	UG/KG	420 U	450 U	5,400 U	440 U	1,700
Anthracene	UG/KG	420 U	450 U	5,400 U	440 U	1,000
Benzo(a)anthracene	UG/KG	420 U	450 U	2,900 J	550	3,600
Benzo(a)pyrene	UG/KG	420 U	450 U	2,800 J	520	3,200
Benzo(b)fluoranthene	UG/KG	420 U	450 U	3,900 J	820	3,600
Benzo(g,h,i)perylene	UG/KG	420 U	450 U	5,400 U	440 U	960
Benzo(k)fluoranthene	UG/KG	420 U	450 U	5,400 U	230 J	1,200
bis(2-Ethylhexyl)phthalate	UG/KG	420 U	450 U	5,900	6,300	350 J
Butylbenzylphthalate	UG/KG	420 U	450 U	5,400 U	440 U	470 U
Carbazole	UG/KG	420 U	450 U	5,400 U	440 U	470 U
Chrysene	UG/KG	420 U	450 U	2,800 J	550	3,200
Dibenz(a,h)anthracene	UG/KG	420 U	450 U	5,400 U	440 U	330 J
Dibenzofuran	UG/KG	420 U	450 U	5,400 U	440 U	470 U
Di-n-butylphthalate	UG/KG	420 U	450 U	5,400 U	440 U	470 U
Di-n-octylphthalate	UG/KG	420 U	450 U	660 J	440 U	470 U
Fluoranthene	UG/KG	180 J	450 U	7,300	1,100	8,100 D
Fluorene	UG/KG	420 U	450 U	5,400 U	440 U	600
Indeno(1,2,3-cd)pyrene	UG/KG	420 U	450 U	5,400 U	440 U	840

Criteria - cal Guidance for Screening Contaminated Sediments, Wildlife Bioaccumulation, January 25, 1999.

(NV) - No Calculable Value, TOC Not Detected

Flags assigned during chemistry validation are shown.

 Concentration Exceeds Criteria.

J - The reported concentration is an estimated value.

D - Result reported from a secondary dilution analysis.

U - Not detected above the reported quantitation limit.

NA - Not Analyzed

Only Detected Results Reported.

Detection Limits shown are PQL

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TABLE 4-27
SUMMARY OF DETECTED RI SEDIMENT ANALYTICAL RESULTS - WILDLIFE BIOACCUMULATION
NYSEG - FORMER TRANSIT STREET MGP SITE
LOCKPORT, NEW YORK

Location ID		SED-23	SED-23	SED-24	SED-24	SED-25
Sample ID		S231.5-2.5	SED DUP 1	SED-24 0-1	S241.5-2.5	SED 25 0-1
Matrix		Sediment	Sediment	Sediment	Sediment	Sediment
Depth Interval (ft)		1.5-2.5	1.5-2.5	0.0-1.0	1.5-2.5	0.0-1.0
Date Sampled		04/10/05	04/10/05	04/10/05	04/10/05	04/12/05
Parameter	Units		Field Duplicate (1-1)			
Semivolatile Organic Compounds						
Naphthalene	UG/KG	420 U	450 U	5,400 U	440 U	470 U
Phenanthrene	UG/KG	420 U	450 U	5,800	580	1,600
Pyrene	UG/KG	420 U	450 U	5,100 J	850	5,700
Total Carcinogenic PAHs	UG/KG	ND	ND	12,400	2,670	15,970
Total Non-Carcinogenic PAHs	UG/KG	180	ND	18,200	2,530	20,140
Total Polycyclic Aromatic Hydrocarbons	UG/KG	180	ND	30,600	5,200	36,110
Total Semivolatile Organic Compounds	UG/KG	180	ND	37,160	11,500	36,460
Polychlorinated Biphenyls						
Aroclor 1242	UG/KG	21 U (17.9)	23 U (11.2)	14,000 U (113)	4,600 (24.5)	120 U (41.3)
Aroclor 1248	UG/KG	44 (17.9)	21 J (11.2)	40,000 (113)	220 U (24.5)	860 (41.3)
Aroclor 1254	UG/KG	21 U (17.9)	23 U (11.2)	26,000 (113)	900 (24.5)	120 U (41.3)
Aroclor 1260	UG/KG	21 U (17.9)	23 U (11.2)	14,000 U (113)	220 U (24.5)	120 U (41.3)
Total Polychlorinated Biphenyls	UG/KG	44 (17.9)	21 (11.2)	66,000 (113)	5,500 (24.5)	860 (41.3)
Miscellaneous Parameters						
Total Cyanide	MG/KG	1.3 U	1.2 U	1.4 U	1.0 U	1.1 U
Total Organic Carbon (TOC)	MG/KG	12,800	8,020	80,900	17,500	29,500
Solids, Percent	PERCENT	74.6	76.4	62.8	80.8	75.8
Total Cyanide (Secondary Lab)	MG/KG	NA	NA	NA	NA	NA
Ferric/Ferrous Iron Cyanide Complex	MG/KG	NA	NA	NA	NA	NA

Criteria - cal Guidance for Screening Contaminated Sediments, Wildlife Bioaccumulation, January 25, 1999.

(NV) - No Calculable Value, TOC Not Detected

Flags assigned during chemistry validation are shown.

 Concentration Exceeds Criteria.

J - The reported concentration is an estimated value.

D - Result reported from a secondary dilution analysis.

U - Not detected above the reported quantitation limit.

NA - Not Analyzed

Only Detected Results Reported.

Detection Limits shown are PQL

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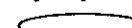
TABLE 4-27
SUMMARY OF DETECTED RI SEDIMENT ANALYTICAL RESULTS - WILDLIFE BIOACCUMULATION
NYSEG - FORMER TRANSIT STREET MGP SITE
LOCKPORT, NEW YORK

Location ID		SED-26	SED-26	SED-27	SED-28	SED-28
Sample ID		SED 26 0-1	SED 26 3-4	SED-27	SED 28 0-1	SED 28 1-2
Matrix		Sediment	Sediment	Sediment	Sediment	Sediment
Depth Interval (ft)		0.0-1.0	3.0-4.0	-	0.0-1.0	1.0-2.0
Date Sampled		04/12/05	04/12/05	04/09/05	04/12/05	04/12/05
Parameter	Units					
Volatile Organic Compounds						
Benzene	UG/KG	7 U	8 U	7 U	6 U	6 U
Total BTEX	UG/KG	ND	ND	ND	ND	ND
Semivolatile Organic Compounds						
Acenaphthene	UG/KG	450 U	510 U	530 U	440 U	450 U
Acenaphthylene	UG/KG	450 U	510 U	530 U	440 U	450 U
Anthracene	UG/KG	450 U	510 U	530 U	440 U	450 U
Benzo(a)anthracene	UG/KG	450 U	510 U	530 U	440 U	450 U
Benzo(a)pyrene	UG/KG	450 U	510 U	530 U	160 J	450 U
Benzo(b)fluoranthene	UG/KG	450 U	510 U	530 U	300 J	450 U
Benzo(g,h,i)perylene	UG/KG	450 U	510 U	530 U	440 U	450 U
Benzo(k)fluoranthene	UG/KG	450 U	510 U	530 U	300 J	450 U
bis(2-Ethylhexyl)phthalate	UG/KG	450 U	230 J	530 U	1,100	280 J
Butylbenzylphthalate	UG/KG	450 U	510 U	530 U	440 U	450 U
Carbazole	UG/KG	450 U	510 U	530 U	440 U	450 U
Chrysene	UG/KG	450 U	510 U	530 U	440 U	450 U
Dibenz(a,h)anthracene	UG/KG	450 U	510 U	530 U	440 U	450 U
Dibenzofuran	UG/KG	450 U	510 U	530 U	440 U	450 U
Di-n-butylphthalate	UG/KG	450 U	510 U	530 U	440 U	450 U
Di-n-octylphthalate	UG/KG	450 U	56 J	530 U	440 U	450 U
Fluoranthene	UG/KG	450 U	260 J	530 U	330 J	220 J
Fluorene	UG/KG	450 U	510 U	530 U	440 U	450 U
Indeno(1,2,3-cd)pyrene	UG/KG	450 U	510 U	530 U	440 U	450 U

Criteria- cal Guidance for Screening Contaminated Sediments, Wildlife Bioaccumulation, January 25, 1999.

(NV) - No Calculable Value, TOC Not Detected

Flags assigned during chemistry validation are shown.

 Concentration Exceeds Criteria.

J - The reported concentration is an estimated value.

D - Result reported from a secondary dilution analysis.

U - Not detected above the reported quantitation limit.

NA - Not Analyzed

Only Detected Results Reported.

Detection Limits shown are PQL

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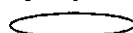
TABLE 4-27
SUMMARY OF DETECTED RI SEDIMENT ANALYTICAL RESULTS - WILDLIFE BIOACCUMULATION
NYSEG - FORMER TRANSIT STREET MGP SITE
LOCKPORT, NEW YORK

Location ID		SED-26	SED-26	SED-27	SED-28	SED-28
Sample ID		SED 26 0-1	SED 26 3-4	SED-27	SED 28 0-1	SED 28 1-2
Matrix		Sediment	Sediment	Sediment	Sediment	Sediment
Depth Interval (ft)		0.0-1.0	3.0-4.0	-	0.0-1.0	1.0-2.0
Date Sampled		04/12/05	04/12/05	04/09/05	04/12/05	04/12/05
Parameter	Units					
Semivolatile Organic Compounds						
Naphthalene	UG/KG	450 U	510 U	530 U	440 U	450 U
Phenanthrene	UG/KG	450 U	150 J	530 U	130 J	450 U
Pyrene	UG/KG	450 U	220 J	530 U	240 J	170 J
Total Carcinogenic PAHs	UG/KG	ND	ND	ND	760	ND
Total Non-Carcinogenic PAHs	UG/KG	ND	630	ND	700	390
Total Polycyclic Aromatic Hydrocarbons	UG/KG	ND	630	ND	1,460	390
Total Semivolatile Organic Compounds	UG/KG	ND	916	ND	2,560	670
Polychlorinated Biphenyls						
Aroclor 1242	UG/KG	23 U (32.5)	26 U (41.4)	28 U (20.0)	23 U (35.8)	23 U (37.2)
Aroclor 1248	UG/KG	69 (32.5)	360 (41.4)	29 (20.0)	350 (35.8)	480 (37.2)
Aroclor 1254	UG/KG	52 (32.5)	110 (41.4)	29 (20.0)	150 (35.8)	200 (37.2)
Aroclor 1260	UG/KG	23 U (32.5)	26 U (41.4)	18 J (20.0)	23 U (35.8)	23 U (37.2)
Total Polychlorinated Biphenyls	UG/KG	121 (32.5)	470 (41.4)	76 (20.0)	500 (35.8)	680 (37.2)
Miscellaneous Parameters						
Total Cyanide	MG/KG	1.3 U	1.5 U	0.95 U	1.3 U	1.4 U
Total Organic Carbon (TOC)	MG/KG	23,200	29,600	14,300	25,600	26,600
Solids, Percent	PERCENT	70.2	61.9	52.5	68.5	71.3
Total Cyanide (Secondary Lab)	MG/KG	NA	NA	NA	NA	NA
Ferric/Ferrous Iron Cyanide Complex	MG/KG	NA	NA	NA	NA	NA

Criteria - cal Guidance for Screening Contaminated Sediments, Wildlife Bioaccumulation, January 25, 1999.

(NV) - No Calculable Value, TOC Not Detected

Flags assigned during chemistry validation are shown.

 Concentration Exceeds Criteria.

J - The reported concentration is an estimated value.

D - Result reported from a secondary dilution analysis.

U - Not detected above the reported quantitation limit.

NA - Not Analyzed

Only Detected Results Reported.

Detection Limits shown are PQL

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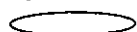
TABLE 4-27
SUMMARY OF DETECTED RI SEDIMENT ANALYTICAL RESULTS - WILDLIFE BIOACCUMULATION
NYSEG - FORMER TRANSIT STREET MGP SITE
LOCKPORT, NEW YORK

Location ID		SED-29	SED-30	SED-30	SED-31	SED-31
Sample ID		SED 29 0.5-1.5	SED 30 0-1	SED 30 1-2	SED 31 0-1	SED 31 1-2
Matrix		Sediment	Sediment	Sediment	Sediment	Sediment
Depth Interval (ft)		0.5-1.5	0.0-1.0	1.0-2.0	0.0-1.0	1.0-2.0
Date Sampled		04/12/05	04/12/05	04/12/05	04/12/05	04/12/05
Parameter	Units					
Volatile Organic Compounds						
Benzene	UG/KG	7 U	7 U	7 U	6 U	6 U
Total BTEX	UG/KG	ND	ND	ND	ND	ND
Semivolatile Organic Compounds						
Acenaphthene	UG/KG	460 U	450 U	440 U	390 U	440 U
Acenaphthylene	UG/KG	140 J	450 U	440 U	390 U	440 U
Anthracene	UG/KG	310 J	450 U	440 U	390 U	440 U
Benzo(a)anthracene	UG/KG	730	450 U	330 J	330 J	440 U
Benzo(a)pyrene	UG/KG	600	450 U	250 J	310 J	190 J
Benzo(b)fluoranthene	UG/KG	810	450 U	460	570	260 J
Benzo(g,h,i)perylene	UG/KG	460 U	450 U	440 U	390 U	440 U
Benzo(k)fluoranthene	UG/KG	460 U	450 U	460	570	440 U
bis(2-Ethylhexyl)phthalate	UG/KG	460 U	450 U	280 J	390 U	440 U
Butylbenzylphthalate	UG/KG	460 U	450 U	440 U	390 U	440 U
Carbazole	UG/KG	460 U	450 U	440 U	390 U	440 U
Chrysene	UG/KG	580	450 U	370 J	340 J	170 J
Dibenz(a,h)anthracene	UG/KG	460 U	450 U	440 U	390 U	440 U
Dibenzofuran	UG/KG	460 U	450 U	440 U	390 U	440 U
Di-n-butylphthalate	UG/KG	460 U	450 U	440 U	390 U	440 U
Di-n-octylphthalate	UG/KG	460 U	450 U	440 U	390 U	440 U
Fluoranthene	UG/KG	1,600	450 U	1,000	570	380 J
Fluorene	UG/KG	460 U	450 U	440 U	390 U	440 U
Indeno(1,2,3-cd)pyrene	UG/KG	460 U	450 U	440 U	390 U	440 U

Criteria - cal Guidance for Screening Contaminated Sediments, Wildlife Bioaccumulation, January 25, 1999.

(NV) - No Calculable Value, TOC Not Detected

Flags assigned during chemistry validation are shown.

 Concentration Exceeds Criteria.

J - The reported concentration is an estimated value.

D - Result reported from a secondary dilution analysis.

U - Not detected above the reported quantitation limit.

NA - Not Analyzed

Only Detected Results Reported.

Detection Limits shown are PQL

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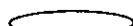
TABLE 4-27
SUMMARY OF DETECTED RI SEDIMENT ANALYTICAL RESULTS - WILDLIFE BIOACCUMULATION
NYSEG - FORMER TRANSIT STREET MGP SITE
LOCKPORT, NEW YORK

Location ID		SED-29	SED-30	SED-30	SED-31	SED-31
Sample ID		SED 29 0.5-1.5	SED 30 0-1	SED 30 1-2	SED 31 0-1	SED 31 1-2
Matrix		Sediment	Sediment	Sediment	Sediment	Sediment
Depth Interval (ft)		0.5-1.5	0.0-1.0	1.0-2.0	0.0-1.0	1.0-2.0
Date Sampled		04/12/05	04/12/05	04/12/05	04/12/05	04/12/05
Parameter	Units					
Semivolatile Organic Compounds						
Naphthalene	UG/KG	460 U	450 U	440 U	390 U	440 U
Phenanthrene	UG/KG	790	450 U	440 U	210 J	140 J
Pyrene	UG/KG	1,000	450 U	680	400	280 J
Total Carcinogenic PAHs	UG/KG	2,720	ND	1,870	2,120	620
Total Non-Carcinogenic PAHs	UG/KG	3,840	ND	1,680	1,180	800
Total Polycyclic Aromatic Hydrocarbons	UG/KG	6,560	ND	3,550	3,300	1,420
Total Semivolatile Organic Compounds	UG/KG	6,560	ND	3,830	3,300	1,420
Polychlorinated Biphenyls						
Aroclor 1242	UG/KG	24 U (38.5)	23 U (36.5)	46 U (33.3)	190 U (37.8)	22 U (33.5)
Aroclor 1248	UG/KG	400 (38.5)	410 (36.5)	640 (33.3)	980 (37.8)	270 (33.5)
Aroclor 1254	UG/KG	170 (38.5)	23 U (36.5)	46 U (33.3)	1,300 (37.8)	120 (33.5)
Aroclor 1260	UG/KG	24 U (38.5)	23 U (36.5)	46 U (33.3)	190 U (37.8)	22 U (33.5)
Total Polychlorinated Biphenyls	UG/KG	570 (38.5)	410 (36.5)	640 (33.3)	2,280 (37.8)	390 (33.5)
Miscellaneous Parameters						
Total Cyanide	MG/KG	1.4 U	1.1 U	1.3 U	1.2 U	1.3 U
Total Organic Carbon (TOC)	MG/KG	27,500	26,100	23,800	27,000	23,900
Solids, Percent	PERCENT	71.6	71.0	68.4	77.1	78.6
Total Cyanide (Secondary Lab)	MG/KG	NA	NA	NA	NA	NA
Ferric/Ferrous Iron Cyanide Complex	MG/KG	NA	NA	NA	NA	NA

Criteria- cal Guidance for Screening Contaminated Sediments, Wildlife Bioaccumulation, January 25, 1999.

(NV) - No Calculable Value, TOC Not Detected

Flags assigned during chemistry validation are shown.

 Concentration Exceeds Criteria.

J - The reported concentration is an estimated value.

D - Result reported from a secondary dilution analysis.

U - Not detected above the reported quantitation limit.

NA - Not Analyzed

Only Detected Results Reported.

Detection Limits shown are PQL

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TABLE 4-27
SUMMARY OF DETECTED RI SEDIMENT ANALYTICAL RESULTS - WILDLIFE BIOACCUMULATION
NYSEG - FORMER TRANSIT STREET MGP SITE
LOCKPORT, NEW YORK

Location ID		SED-32	SED-32	SED-33	SED-34	SED-35
Sample ID		SED 32 0-1	SED 32 4-4.8	SED 33 0-1	SED 34 0-1	SED 35 0-1
Matrix		Sediment	Sediment	Sediment	Sediment	Sediment
Depth Interval (ft)		0.0-1.0	4.0-4.8	0.0-1.0	0.0-1.0	0.0-1.0
Date Sampled		04/12/05	04/12/05	04/12/05	04/12/05	04/12/05
Parameter	Units					
Volatile Organic Compounds						
Benzene	UG/KG	7 U	8 U	9 U	7 U	7 U
Total BTEX	UG/KG	ND	ND	ND	ND	ND
Semivolatile Organic Compounds						
Acenaphthene	UG/KG	450 U	510 U	620 U	470 U	490 U
Acenaphthylene	UG/KG	450 U	510 U	620 U	470 U	490 U
Anthracene	UG/KG	450 U	510 U	620 U	470 U	490 U
Benzo(a)anthracene	UG/KG	450 U	570	620 U	470 U	490 U
Benzo(a)pyrene	UG/KG	220 J	570	620 U	470 U	180 J
Benzo(b)fluoranthene	UG/KG	310 J	670	620 U	470 U	250 J
Benzo(g,h,i)perylene	UG/KG	450 U	510 U	620 U	470 U	490 U
Benzo(k)fluoranthene	UG/KG	450 U	510 U	620 U	470 U	490 U
bis(2-Ethylhexyl)phthalate	UG/KG	290 J	510 U	620 U	470 U	490 U
Butylbenzylphthalate	UG/KG	450 U	510 U	620 U	470 U	490 U
Carbazole	UG/KG	450 U	510 U	620 U	470 U	490 U
Chrysene	UG/KG	210 J	470 J	620 U	470 U	180 J
Dibenz(a,h)anthracene	UG/KG	450 U	510 U	620 U	470 U	490 U
Dibenzofuran	UG/KG	450 U	510 U	620 U	470 U	490 U
Di-n-butylphthalate	UG/KG	450 U	510 U	620 U	470 U	490 U
Di-n-octylphthalate	UG/KG	450 U	510 U	620 U	470 U	490 U
Fluoranthene	UG/KG	350 J	1,100	620 U	470 U	430 J
Fluorene	UG/KG	450 U	510 U	620 U	470 U	490 U
Indeno(1,2,3-cd)pyrene	UG/KG	450 U	510 U	620 U	470 U	490 U

Criteria- cal Guidance for Screening Contaminated Sediments, Wildlife Bioaccumulation, January 25, 1999.

(NV) - No Calculable Value, TOC Not Detected

Flags assigned during chemistry validation are shown.

 Concentration Exceeds Criteria.

J - The reported concentration is an estimated value.

D - Result reported from a secondary dilution analysis.

U - Not detected above the reported quantitation limit.

NA - Not Analyzed

Only Detected Results Reported.

Detection Limits shown are PQL

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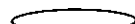
TABLE 4-27
SUMMARY OF DETECTED RI SEDIMENT ANALYTICAL RESULTS - WILDLIFE BIOACCUMULATION
NYSEG - FORMER TRANSIT STREET MGP SITE
LOCKPORT, NEW YORK

Location ID		SED-32	SED-32	SED-33	SED-34	SED-35
Sample ID		SED 32 0-1	SED 32 4-4.8	SED 33 0-1	SED 34 0-1	SED 35 0-1
Matrix		Sediment	Sediment	Sediment	Sediment	Sediment
Depth Interval (ft)		0.0-1.0	4.0-4.8	0.0-1.0	0.0-1.0	0.0-1.0
Date Sampled		04/12/05	04/12/05	04/12/05	04/12/05	04/12/05
Parameter	Units					
Semivolatile Organic Compounds						
Naphthalene	UG/KG	450 U	510 U	620 U	470 U	490 U
Phenanthrene	UG/KG	140 J	320 J	620 U	470 U	200 J
Pyrene	UG/KG	270 J	860	620 U	470 U	340 J
Total Carcinogenic PAHs	UG/KG	740	2,280	ND	ND	610
Total Non-Carcinogenic PAHs	UG/KG	760	2,280	ND	ND	970
Total Polycyclic Aromatic Hydrocarbons	UG/KG	1,500	4,560	ND	ND	1,580
Total Semivolatile Organic Compounds	UG/KG	1,790	4,560	ND	ND	1,580
Polychlorinated Biphenyls						
Aroclor 1242	UG/KG	110 U (45.8)	26 U (41.6)	31 U (30.9)	23 U (21.7)	25 U (24.4)
Aroclor 1248	UG/KG	660 (45.8)	38 (41.6)	24 J (30.9)	160 (21.7)	43 (24.4)
Aroclor 1254	UG/KG	410 (45.8)	62 (41.6)	31 U (30.9)	79 (21.7)	29 (24.4)
Aroclor 1260	UG/KG	110 U (45.8)	26 U (41.6)	31 U (30.9)	23 U (21.7)	25 U (24.4)
Total Polychlorinated Biphenyls	UG/KG	1,070 (45.8)	100 (41.6)	24 (30.9)	239 (21.7)	72 (24.4)
Miscellaneous Parameters						
Total Cyanide	MG/KG	1.2 U	1.6 U	1.8 U	1.3 U	1.6 U
Total Organic Carbon (TOC)	MG/KG	32,700	29,700	22,100	15,500	17,400
Solids, Percent	PERCENT	68.8	65.6	50.3	71.6	64.8
Total Cyanide (Secondary Lab)	MG/KG	NA	NA	NA	NA	NA
Ferric/Ferrous Iron Cyanide Complex	MG/KG	NA	NA	NA	NA	NA

Criteria- cal Guidance for Screening Contaminated Sediments, Wildlife Bioaccumulation, January 25, 1999.

(NV) - No Calculable Value, TOC Not Detected

Flags assigned during chemistry validation are shown.

 Concentration Exceeds Criteria.

J - The reported concentration is an estimated value.

D - Result reported from a secondary dilution analysis.

U - Not detected above the reported quantitation limit.

NA - Not Analyzed

Only Detected Results Reported.

Detection Limits shown are PQL

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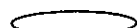
TABLE 4-27
SUMMARY OF DETECTED RI SEDIMENT ANALYTICAL RESULTS - WILDLIFE BIOACCUMULATION
NYSEG - FORMER TRANSIT STREET MGP SITE
LOCKPORT, NEW YORK

Location ID		SED-36
Sample ID		SED 36 0-1
Matrix		Sediment
Depth Interval (ft)		0.0-1.0
Date Sampled		04/12/05
Parameter	Units	
Volatile Organic Compounds		
Benzene	UG/KG	10 U
Total BTEX	UG/KG	ND
Semivolatile Organic Compounds		
Acenaphthene	UG/KG	630 U
Acenaphthylene	UG/KG	630 U
Anthracene	UG/KG	630 U
Benzo(a)anthracene	UG/KG	630 U
Benzo(a)pyrene	UG/KG	630 U
Benzo(b)fluoranthene	UG/KG	630 U
Benzo(g,h,i)perylene	UG/KG	630 U
Benzo(k)fluoranthene	UG/KG	630 U
bis(2-Ethylhexyl)phthalate	UG/KG	630 U
Butylbenzylphthalate	UG/KG	630 U
Carbazole	UG/KG	630 U
Chrysene	UG/KG	630 U
Dibenz(a,h)anthracene	UG/KG	630 U
Dibenzofuran	UG/KG	630 U
Di-n-butylphthalate	UG/KG	630 U
Di-n-octylphthalate	UG/KG	630 U
Fluoranthene	UG/KG	630 U
Fluorene	UG/KG	630 U
Indeno(1,2,3-cd)pyrene	UG/KG	630 U

Criteria- cal Guidance for Screening Contaminated Sediments, Wildlife Bioaccumulation, January 25, 1999.

(NV) - No Calculable Value, TOC Not Detected

Flags assigned during chemistry validation are shown.

 Concentration Exceeds Criteria.

J - The reported concentration is an estimated value.

D - Result reported from a secondary dilution analysis.

U - Not detected above the reported quantitation limit.

NA - Not Analyzed

Only Detected Results Reported.

Detection Limits shown are PQL

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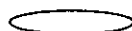
TABLE 4-27
SUMMARY OF DETECTED RI SEDIMENT ANALYTICAL RESULTS - WILDLIFE BIOACCUMULATION
NYSEG - FORMER TRANSIT STREET MGP SITE
LOCKPORT, NEW YORK

Location ID		SED-36
Sample ID		SED 36 0-1
Matrix		Sediment
Depth Interval (ft)		0.0-1.0
Date Sampled		04/12/05
Parameter	Units	
Semivolatile Organic Compounds		
Naphthalene	UG/KG	630 U
Phenanthrene	UG/KG	630 U
Pyrene	UG/KG	630 U
Total Carcinogenic PAHs	UG/KG	ND
Total Non-Carcinogenic PAHs	UG/KG	ND
Total Polycyclic Aromatic Hydrocarbons	UG/KG	ND
Total Semivolatile Organic Compounds	UG/KG	ND
Polychlorinated Biphenyls		
Aroclor 1242	UG/KG	32 U (36.4)
Aroclor 1248	UG/KG	17 J (36.4)
Aroclor 1254	UG/KG	32 U (36.4)
Aroclor 1260	UG/KG	32 U (36.4)
Total Polychlorinated Biphenyls	UG/KG	17 (36.4)
Miscellaneous Parameters		
Total Cyanide	MG/KG	1.6 U
Total Organic Carbon (TOC)	MG/KG	26,000
Solids, Percent	PERCENT	50.0
Total Cyanide (Secondary Lab)	MG/KG	NA
Ferric/Ferrous Iron Cyanide Complex	MG/KG	NA

Criteria- cat Guidance for Screening Contaminated Sediments, Wildlife Bioaccumulation, January 25, 1999.

(NV) - No Calculable Value, TOC Not Detected

Flags assigned during chemistry validation are shown.



Concentration Exceeds Criteria.

J - The reported concentration is an estimated value.

D - Result reported from a secondary dilution analysis.

U - Not detected above the reported quantitation limit.

NA - Not Analyzed

Only Detected Results Reported.

Detection Limits shown are PQL

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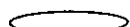
TABLE 4-28
SUMMARY OF DETECTED RI SEDIMENT ANALYTICAL RESULTS - LOWEST AND SEVERE EFFECT
LEVELS
NYSEG - FORMER TRANSIT STREET MGP SITE
LOCKPORT, NEW YORK

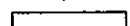
Location ID				SED-01	SED-02	SED-02	SED-03	SED-03
Sample ID				SED-1	SED-2 0-1	SED2 2.5-3	SED-3 0-1	SED3 3.5-4
Matrix				Sediment	Sediment	Sediment	Sediment	Sediment
Depth Interval (ft)				0.0-1.0	0.0-1.0	2.5-3.0	0.0-1.0	3.5-4.0
Date Sampled				04/09/05	04/09/05	04/09/05	04/09/05	04/09/05
Parameter	Units	Criteria (1)	Criteria (2)					
Metals								
Aluminum	MG/KG	-	-	6,940 J	10,800 J	7,700 J	9,630 J	9,880 J
Arsenic	MG/KG	6	33	3.4	3.8	6.1	3.1	3.6
Barium	MG/KG	-	-	63.2 J	77.4 J	65.0 J	64.9 J	75.0 J
Beryllium	MG/KG	-	-	0.37	0.54	0.40	0.46	0.48
Cadmium	MG/KG	0.6	9	0.41	0.28 U	1.2	0.35	1.4
Calcium	MG/KG	-	-	34,100	22,600	19,000	21,200	23,200
Chromium	MG/KG	26	110	15.5	24.2	28.0	19.4	45.9
Cobalt	MG/KG	-	-	6.2	8.8	9.6	8.0	9.6
Copper	MG/KG	16	110	22.4	48.5	150	29.0	52.2
Iron	MG/KG	20000	40000	13,300	19,800	14,700	18,100	19,200
Lead	MG/KG	31	110	22.6	39.0	59.4	22.4	54.4
Magnesium	MG/KG	-	-	9,530	9,200	7,710	8,780	8,930
Manganese	MG/KG	460	1100	350	441	297	421	422
Mercury	MG/KG	0.15	1.3	0.087	0.520	0.723	0.114	0.282
Nickel	MG/KG	16	50	14.8	24.4	31.0	23.6	50.0
Potassium	MG/KG	-	-	1,190	1,520	1,150	1,480	1,500
Silver	MG/KG	1	2.2	0.64 U	0.69 U	0.78 U	0.75 U	0.85 U
Sodium	MG/KG	-	-	193	225	217 U	211 U	237 U
Vanadium	MG/KG	-	-	11.9	17.3	13.3	15.5	16.4
Zinc	MG/KG	120	270	156 J	238 J	462 J	136 J	293 J

Criteria (1)- NYSDEC Technical Guidance for Screening Contaminated Sediments, Lowest Effect Level, January 25, 1999.

Criteria (2)- NYSDEC Technical Guidance for Screening Contaminated Sediments, Severe Effect Level, January 25, 1999.

Flags assigned during chemistry validation are shown.

 Concentration Exceeds Criteria (1)

 Concentration Exceeds Criteria (2)

J - The reported concentration is an estimated value.

D - Result reported from a secondary dilution analysis.

U - Not detected above the reported quantitation limit.

NA - Not Analyzed

Only Detected Results Reported.

Detection Limits shown are MDL

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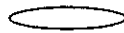
TABLE 4-28
SUMMARY OF DETECTED RI SEDIMENT ANALYTICAL RESULTS - LOWEST AND SEVERE EFFECT
LEVELS
NYSEG - FORMER TRANSIT STREET MGP SITE
LOCKPORT, NEW YORK

Location ID				SED-04	SED-04	SED-05	SED-05	SED-06
Sample ID				SED-4 0-1	SED4 3.5-4	SED-5 0-1	SED5 3.5-4	SED-6 0-1
Matrix				Sediment	Sediment	Sediment	Sediment	Sediment
Depth Interval (ft)				0.0-1.0	3.5-4.0	0.0-1.0	3.5-4.0	0.0-1.0
Date Sampled				04/09/05	04/09/05	04/09/05	04/09/05	04/11/05
Parameter	Units	Criteria (1)	Criteria (2)					
Metals								
Aluminum	MG/KG	-	-	8,980 J	7,420 J	6,980 J	8,510 J	6,220
Arsenic	MG/KG	6	33	5.5	4.8	3.6	6.2	6.3
Barium	MG/KG	-	-	80.0 J	95.2 J	72.7 J	131 J	217
Beryllium	MG/KG	-	-	0.46	0.40	0.38	0.45	0.42
Cadmium	MG/KG	0.6	9	3.3	2.2	2.7	1.9	0.50
Calcium	MG/KG	-	-	28,200	17,600	18,100	18,400	76,200
Chromium	MG/KG	26	110	44.0	36.1	55.9	43.8	41.9
Cobalt	MG/KG	-	-	9.4	8.8	6.5	10.3	6.6
Copper	MG/KG	16	110	82.6	71.7	64.4	75.2	52.2
Iron	MG/KG	20000	40000	19,000	16,300	14,300	17,300	15,700
Lead	MG/KG	31	110	81.5	61.5	70.1	69.3	222
Magnesium	MG/KG	-	-	10,700	7,030	7,920	8,180	22,300
Manganese	MG/KG	460	1100	360	306	292	294	359
Mercury	MG/KG	0.15	1.3	0.961	0.339	0.526	1.0	0.193
Nickel	MG/KG	16	50	27.7	22.2	20.9	26.2	17.7
Potassium	MG/KG	-	-	1,290	989	1,020	1,130	1,550
Silver	MG/KG	1	2.2	0.77	0.81 U	0.77 U	0.77 U	0.70 U
Sodium	MG/KG	-	-	271	226 U	215 U	215 U	673
Vanadium	MG/KG	-	-	15.1	12.8	12.1	14.8	11.2
Zinc	MG/KG	120	270	857 J	674 J	458 J	610 J	348 J

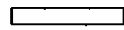
Criteria (1)- NYSDEC Technical Guidance for Screening Contaminated Sediments, Lowest Effect Level, January 25, 1999.

Criteria (2)- NYSDEC Technical Guidance for Screening Contaminated Sediments, Severe Effect Level, January 25, 1999.

Flags assigned during chemistry validation are shown.



Concentration Exceeds Criteria (1)



Concentration Exceeds Criteria (2)

J - The reported concentration is an estimated value.

D - Result reported from a secondary dilution analysis.

U - Not detected above the reported quantitation limit.

NA - Not Analyzed

Only Detected Results Reported.

Detection Limits shown are MDL

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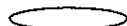
TABLE 4-28
SUMMARY OF DETECTED RI SEDIMENT ANALYTICAL RESULTS - LOWEST AND SEVERE EFFECT
LEVELS
NYSEG - FORMER TRANSIT STREET MGP SITE
LOCKPORT, NEW YORK

Location ID				SED-06	SED-07	SED-08	SED-09	SED-09
Sample ID				SED-06 1-2	SED-07 0-1	SED-08 0-1	SED-09 0-1	SED DUP 3
Matrix				Sediment	Sediment	Sediment	Sediment	Sediment
Depth Interval (ft)				1.0-2.0	0.0-1.0	0.0-1.0	0.0-1.0	3.0-4.0
Date Sampled				04/11/05	04/11/05	04/11/05	04/11/05	04/11/05
Parameter	Units	Criteria (1)	Criteria (2)					Field Duplicate (1-1)
Metals								
Aluminum	MG/KG	-	-	6,210	8,580	6,530	13,400	9,400
Arsenic	MG/KG	6	33	5.9	5.8	4.8	3.7	6.7
Barium	MG/KG	-	-	44.5	84.8	96.9 J	108 J	119
Beryllium	MG/KG	-	-	0.49	0.48	0.34	0.54	0.48
Cadmium	MG/KG	0.6	9	0.59	2.3	2.3	3.2	2.0
Calcium	MG/KG	-	-	94,800	40,100	40,900	19,600	17,800
Chromium	MG/KG	26	110	26.4	56.8	43.8	79.7	49.4
Cobalt	MG/KG	-	-	5.8	8.8	6.8	10.3	9.7
Copper	MG/KG	16	110	49.2	173	94.5	92.1	89.2
Iron	MG/KG	20000	40000	18,200	16,000	13,500	21,300	18,200
Lead	MG/KG	31	110	129	164	167	101	85.2
Magnesium	MG/KG	-	-	24,200	13,400	11,900	10,200	8,070
Manganese	MG/KG	460	1100	383	300	334	383	284
Mercury	MG/KG	0.15	1.3	0.228	0.427	0.229	0.501	0.895
Nickel	MG/KG	16	50	19.3	31.6	24.0	37.3	32.4
Potassium	MG/KG	-	-	1,730	1,370	1,100	1,450	1,140
Silver	MG/KG	1	2.2	0.60 U	1.1	0.58 U	0.89	1.0
Sodium	MG/KG	-	-	505	967	468	196 U	223 U
Vanadium	MG/KG	-	-	10.9	15.2	11.4	20.1	16.1
Zinc	MG/KG	120	270	326 J	619 J	406	544	669 J

Criteria (1)- NYSDEC Technical Guidance for Screening Contaminated Sediments, Lowest Effect Level, January 25, 1999.

Criteria (2)- NYSDEC Technical Guidance for Screening Contaminated Sediments, Severe Effect Level, January 25, 1999.

Flags assigned during chemistry validation are shown.



Concentration Exceeds Criteria (1)



Concentration Exceeds Criteria (2)

J - The reported concentration is an estimated value.

D - Result reported from a secondary dilution analysis.

U - Not detected above the reported quantitation limit.

NA - Not Analyzed

Only Detected Results Reported.

Detection Limits shown are MDL

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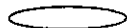
TABLE 4-28
SUMMARY OF DETECTED RI SEDIMENT ANALYTICAL RESULTS - LOWEST AND SEVERE EFFECT LEVELS
NYSEG - FORMER TRANSIT STREET MGP SITE
LOCKPORT, NEW YORK

Location ID				SED-09	SED-10	SED-10	SED-11	SED-12
Sample ID				SED-09 3-4	SED-10 0-1	SED-10 1-2	S11 5-1.5	SED-12 0-1
Matrix				Sediment	Sediment	Sediment	Sediment	Sediment
Depth Interval (ft)				3.0-4.0	0.0-1.0	1.0-2.0	0.5-1.5	0.0-1.0
Date Sampled				04/11/05	04/11/05	04/11/05	04/11/05	04/10/05
Parameter	Units	Criteria (1)	Criteria (2)					
Metals								
Aluminum	MG/KG	-	-	9,530	9,110	8,640	9,220	12,400
Arsenic	MG/KG	6	33	14.1	4.8	5.7	5.3	5.6
Barium	MG/KG	-	-	94.2 J	81.5 J	79.6 J	88.3 J	101 J
Beryllium	MG/KG	-	-	0.50	0.44	0.49	0.48	0.54
Cadmium	MG/KG	0.6	9	2.9	2.5	3.3	3.2	2.0
Calcium	MG/KG	-	-	45,700	33,200	61,600	48,600	27,900
Chromium	MG/KG	26	110	46.7	59.0	51.8	57.1	52.7
Cobalt	MG/KG	-	-	11.7	8.2	8.0	8.7	10.2
Copper	MG/KG	16	110	93.3	88.1	79.4	84.6	96.4
Iron	MG/KG	20000	40000	26,000	17,300	16,800	18,100	22,800
Lead	MG/KG	31	110	102	113	97.0	166	73.0
Magnesium	MG/KG	-	-	22,000	11,700	16,800	13,900	11,600
Manganese	MG/KG	460	1100	439	310	382	342	515
Mercury	MG/KG	0.15	1.3	0.624	0.519	0.362	0.618	0.393
Nickel	MG/KG	16	50	32.3	27.9	25.7	27.7	40.7
Potassium	MG/KG	-	-	1,320	1,410	1,470	1,490	1,640
Silver	MG/KG	1	2.2	0.75	0.72	0.66	1.4	0.85 U
Sodium	MG/KG	-	-	239	280	358	401	262
Vanadium	MG/KG	-	-	17.7	15.5	14.9	16.0	20.3
Zinc	MG/KG	120	270	798	835	761	837	484

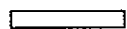
Criteria (1)- NYSDEC Technical Guidance for Screening Contaminated Sediments, Lowest Effect Level, January 25, 1999.

Criteria (2)- NYSDEC Technical Guidance for Screening Contaminated Sediments, Severe Effect Level, January 25, 1999.

Flags assigned during chemistry validation are shown.



Concentration Exceeds Criteria (1)



Concentration Exceeds Criteria (2)

J - The reported concentration is an estimated value.

D - Result reported from a secondary dilution analysis.

U - Not detected above the reported quantitation limit.

NA - Not Analyzed

Only Detected Results Reported.

Detection Limits shown are MDL

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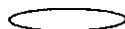
TABLE 4-28
SUMMARY OF DETECTED RI SEDIMENT ANALYTICAL RESULTS - LOWEST AND SEVERE EFFECT
LEVELS
NYSEG - FORMER TRANSIT STREET MGP SITE
LOCKPORT, NEW YORK

Location ID				SED-13	SED-13	SED-14	SED-14	SED-15
Sample ID				SED-13 0-1	SED-13 2-3	S14.5-1.5	S141.5-2.5	S15.5-1.5
Matrix				Sediment	Sediment	Sediment	Sediment	Sediment
Depth Interval (ft)				0.0-1.0	2.0-3.0	0.5-1.5	1.5-2.5	0.5-1.5
Date Sampled				04/10/05	04/10/05	04/10/05	04/10/05	04/10/05
Parameter	Units	Criteria (1)	Criteria (2)					
Metals								
Aluminum	MG/KG	-	-	14,500	14,400	5,160 J	5,660	6,460 J
Arsenic	MG/KG	6	33	4.9	6.3	8.1	8.2	4.3
Barium	MG/KG	-	-	95.1 J	107 J	76.4 J	93.6 J	85.3 J
Beryllium	MG/KG	-	-	0.64	0.62	0.46	0.62	0.30
Cadmium	MG/KG	0.6	9	0.73	2.8	0.25 U	0.60	0.78
Calcium	MG/KG	-	-	32,900	39,400	49,200	31,500	52,000
Chromium	MG/KG	26	110	39.2	60.9	10.3	8.8	25.9
Cobalt	MG/KG	-	-	11.8	11.3	9.5	7.7	5.0
Copper	MG/KG	16	110	72.9	126	65.4	14.1	60.1
Iron	MG/KG	20000	40000	25,300	24,700	12,200	15,700	11,700
Lead	MG/KG	31	110	33.7	115	176	48.4	162
Magnesium	MG/KG	-	-	13,400	13,800	10,100	11,200	15,200
Manganese	MG/KG	460	1100	738	557	587	2,430	285
Mercury	MG/KG	0.15	1.3	0.118	0.379	0.093	0.050	0.228
Nickel	MG/KG	16	50	37.8	82.4	15.3	21.3	21.4
Potassium	MG/KG	-	-	1,850	1,660	1,430	1,520	1,070
Silver	MG/KG	1	2.2	0.86 U	0.86	0.64 U	0.75 U	0.62 U
Sodium	MG/KG	-	-	325	325	359	263	173 U
Vanadium	MG/KG	-	-	22.7	22.6	9.1	14.3	8.4
Zinc	MG/KG	120	270	194	687	95.2 J	137	323 J

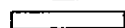
Criteria (1)- NYSDEC Technical Guidance for Screening Contaminated Sediments, Lowest Effect Level, January 25, 1999.

Criteria (2)- NYSDEC Technical Guidance for Screening Contaminated Sediments, Severe Effect Level, January 25, 1999.

Flags assigned during chemistry validation are shown.



Concentration Exceeds Criteria (1)



Concentration Exceeds Criteria (2)

J - The reported concentration is an estimated value.

D - Result reported from a secondary dilution analysis.

U - Not detected above the reported quantitation limit.

NA - Not Analyzed

Only Detected Results Reported.

Detection Limits shown are MDL

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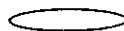
TABLE 4-28
SUMMARY OF DETECTED RI SEDIMENT ANALYTICAL RESULTS - LOWEST AND SEVERE EFFECT LEVELS
NYSEG - FORMER TRANSIT STREET MGP SITE
LOCKPORT, NEW YORK

Location ID				SED-15	SED-16	SED-17	SED-18	SED-19
Sample ID				S151.5-2.5	SED-16 0-1	SED-17 0-1	SED-18 0-1	SED 19 0-1
Matrix				Sediment	Sediment	Sediment	Sediment	Sediment
Depth Interval (ft)				1.5-2.5	0.0-1.0	0.0-1.0	0.0-1.0	0.0-1.0
Date Sampled				04/10/05	04/09/05	04/09/05	04/09/05	04/11/05
Parameter	Units	Criteria (1)	Criteria (2)					
Metals								
Aluminum	MG/KG	-	-	6,190	4,120 J	5,680 J	6,180 J	7,890
Arsenic	MG/KG	8	33	5.7	8.0	4.0	7.9	3.9
Barium	MG/KG	-	-	67.2 J	49.6 J	55.0 J	41.5 J	202 J
Beryllium	MG/KG	-	-	0.32 U	0.30 U	0.36	0.29	0.38
Cadmium	MG/KG	0.6	9	0.44	0.65	1.1	1.2	0.39
Calcium	MG/KG	-	-	69,400	31,600	51,300	50,200	35,800
Chromium	MG/KG	26	110	61.9	15.7	21.6	22.4	25.5
Cobalt	MG/KG	-	-	5.0	6.0	5.9	6.0	6.2
Copper	MG/KG	16	110	407	47.6	40.4	60.2	29.5
Iron	MG/KG	20000	40000	12,200	11,000	11,600	12,600	19,900
Lead	MG/KG	31	110	265	50.4	98.4	103	54.2
Magnesium	MG/KG	-	-	20,900	9,930	14,800	12,900	9,320
Manganese	MG/KG	460	1100	389	220	261	236	383
Mercury	MG/KG	0.15	1.3	0.805	2.7	0.195	0.348	0.052
Nickel	MG/KG	16	50	12.1	13.3	16.3	15.9	18.9
Potassium	MG/KG	-	-	1,220	1,020	1,300	1,080	1,160
Silver	MG/KG	1	2.2	0.81 U	0.74 U	3.6	0.52 U	0.65 U
Sodium	MG/KG	-	-	243	346	230	549	807
Vanadium	MG/KG	-	-	10.6	8.2	9.8	8.3	13.0
Zinc	MG/KG	120	270	377	228 J	303 J	418 J	115

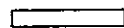
Criteria (1)- NYSDEC Technical Guidance for Screening Contaminated Sediments, Lowest Effect Level, January 25, 1999.

Criteria (2)- NYSDEC Technical Guidance for Screening Contaminated Sediments, Severe Effect Level, January 25, 1999.

Flags assigned during chemistry validation are shown.



Concentration Exceeds Criteria (1)



Concentration Exceeds Criteria (2)

J - The reported concentration is an estimated value.

D - Result reported from a secondary dilution analysis.

U - Not detected above the reported quantitation limit.

NA - Not Analyzed

Only Detected Results Reported.

Detection Limits shown are MDL

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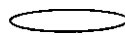
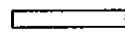
TABLE 4-28
SUMMARY OF DETECTED RI SEDIMENT ANALYTICAL RESULTS - LOWEST AND SEVERE EFFECT
LEVELS
NYSEG - FORMER TRANSIT STREET MGP SITE
LOCKPORT, NEW YORK

Location ID				SED-19	SED-20	SED-21	SED-22	SED-23
Sample ID				SED DUP 2	S-20 0-0.7	S-21 0-0.7	SED-22 2-3	SED-23 0-1
Matrix				Sediment	Sediment	Sediment	Sediment	Sediment
Depth Interval (ft)				0.0-1.0	0.0-0.7	0.0-0.7	2.0-3.0	0.0-1.0
Date Sampled				04/11/05	04/11/05	04/10/05	04/10/05	04/10/05
Parameter	Units	Criteria (1)	Criteria (2)	Field Duplicate (1-1)				
Metals								
Aluminum	MG/KG	-	-	7,790	10,000	14,400 J	9,360 J	5,640 J
Arsenic	MG/KG	6	33	7.4	4.0	5.8 J	4.0	3.6
Barium	MG/KG	-	-	89.2 J	69.0 J	99.4 J	128 J	76.8 J
Beryllium	MG/KG	-	-	0.51	0.48	0.67 J	0.30 U	0.35
Cadmium	MG/KG	0.6	9	0.56	0.53	0.65 J	1.7	0.44
Calcium	MG/KG	-	-	94,000	32,100	38,600 J	46,900	37,800
Chromium	MG/KG	26	110	39.9	38.9	47.1 J	24.1	50.4
Cobalt	MG/KG	-	-	7.1	8.6	11.6 J	4.5	5.2
Copper	MG/KG	16	110	48.1	47.2	54.2 J	95.1	46.9
Iron	MG/KG	20000	40000	27,700	32,600	34,700 J	9,100	12,700
Lead	MG/KG	31	110	1,080	116	56.3 J	286	216
Magnesium	MG/KG	-	-	21,200	11,000	13,100 J	13,300	11,100
Manganese	MG/KG	460	1100	571	472	641 J	227	347
Mercury	MG/KG	0.15	1.3	0.044	0.084	0.088 J	1.1	0.238
Nickel	MG/KG	16	50	19.8	27.2	36.9 J	13.6	13.8
Potassium	MG/KG	-	-	1,710	1,490	2,090 J	838	1,060
Silver	MG/KG	1	2.2	0.73 U	0.59 U	0.96 UJ	0.77	2.2
Sodium	MG/KG	-	-	861	622	443 J	207 U	218 U
Vanadium	MG/KG	-	-	13.7	16.8	23.3 J	6.5	9.7
Zinc	MG/KG	120	270	160	222	210 J	427 J	194 J

Criteria (1)- NYSDEC Technical Guidance for Screening Contaminated Sediments, Lowest Effect Level, January 25, 1999.

Criteria (2)- NYSDEC Technical Guidance for Screening Contaminated Sediments, Severe Effect Level, January 25, 1999.

Flags assigned during chemistry validation are shown.

 Concentration Exceeds Criteria (1)
 Concentration Exceeds Criteria (2)

J - The reported concentration is an estimated value.
D - Result reported from a secondary dilution analysis.
U - Not detected above the reported quantitation limit.
NA - Not Analyzed

Only Detected Results Reported.

Detection Limits shown are MDL

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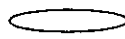
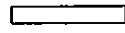
TABLE 4-28
SUMMARY OF DETECTED RI SEDIMENT ANALYTICAL RESULTS - LOWEST AND SEVERE EFFECT
LEVELS
NYSEG - FORMER TRANSIT STREET MGP SITE
LOCKPORT, NEW YORK

Location ID				SED-23	SED-23	SED-24	SED-24	SED-25
Sample ID				S231.5-2.5	SED DUP 1	SED-24 0-1	S241.5-2.5	SED 25 0-1
Matrix				Sediment	Sediment	Sediment	Sediment	Sediment
Depth Interval (ft)				1.5-2.5	1.5-2.5	0.0-1.0	1.5-2.5	0.0-1.0
Date Sampled				04/10/05	04/10/05	04/10/05	04/10/05	04/12/05
Parameter	Units	Criteria (1)	Criteria (2)	Field Duplicate (1-1)				
Metals								
Aluminum	MG/KG	-	-	3,660	3,800	6,300	3,890	7,260
Arsenic	MG/KG	6	33	3.5	5.2	3.5	3.9	5.5
Barium	MG/KG	-	-	42.7 J	52.3 J	79.3 J	58.7 J	56.2
Beryllium	MG/KG	-	-	0.32	0.43	0.35	0.32	0.50
Cadmium	MG/KG	0.6	9	0.28 U	0.28 U	0.27 U	0.25 U	0.74
Calcium	MG/KG	-	-	111,000	179,000	54,000	69,500	74,000
Chromium	MG/KG	26	110	8.1	6.8	26.6	37.0	31.6
Cobalt	MG/KG	-	-	3.6	4.6	5.0	3.8	6.6
Copper	MG/KG	16	110	11.1	12.3	63.2	142	47.1
Iron	MG/KG	20000	40000	8,920	10,100	12,100	8,580	16,700
Lead	MG/KG	31	110	54.0	33.2	272	184	126
Magnesium	MG/KG	-	-	13,400	23,600	12,200	15,000	24,000
Manganese	MG/KG	460	1100	316	507	378	305	332
Mercury	MG/KG	0.15	1.3	0.054	0.036	0.236	0.124	0.192
Nickel	MG/KG	16	50	7.7	9.0	12.4	8.6	22.9
Potassium	MG/KG	-	-	1,340	1,730	1,050	1,130	1,840
Silver	MG/KG	1	2.2	0.71 U	0.70 U	0.68 U	0.63 U	0.71 U
Sodium	MG/KG	-	-	198 U	207	286	175 U	427
Vanadium	MG/KG	-	-	6.1	6.5	8.6	6.0	12.9
Zinc	MG/KG	120	270	46.3	56.5	144	131	261 J

Criteria (1)- NYSDEC Technical Guidance for Screening Contaminated Sediments, Lowest Effect Level, January 25, 1999.

Criteria (2)- NYSDEC Technical Guidance for Screening Contaminated Sediments, Severe Effect Level, January 25, 1999.

Flags assigned during chemistry validation are shown.

-  Concentration Exceeds Criteria (1)
 Concentration Exceeds Criteria (2)

J - The reported concentration is an estimated value.
D - Result reported from a secondary dilution analysis.
U - Not detected above the reported quantitation limit.
NA - Not Analyzed

Only Detected Results Reported.

Detection Limits shown are MDL

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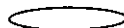
TABLE 4-28
SUMMARY OF DETECTED RI SEDIMENT ANALYTICAL RESULTS - LOWEST AND SEVERE EFFECT
LEVELS
NYSEG - FORMER TRANSIT STREET MGP SITE
LOCKPORT, NEW YORK

Location ID				SED-26	SED-26	SED-27	SED-28	SED-28
Sample ID				SED 26 0-1	SED 26 3-4	SED-27	SED 28 0-1	SED 28 1-2
Matrix				Sediment	Sediment	Sediment	Sediment	Sediment
Depth Interval (ft)				0.0-1.0	3.0-4.0	-	0.0-1.0	1.0-2.0
Date Sampled				04/12/05	04/12/05	04/09/05	04/12/05	04/12/05
Parameter	Units	Criteria (1)	Criteria (2)					
Metals								
Aluminum	MG/KG	-	-	12,800	10,100	7,290 J	7,830	8,260
Arsenic	MG/KG	6	33	4.1	5.8	3.7	4.5	5.0
Barium	MG/KG	-	-	89.4	111 J	65.5 J	73.0	89.6
Beryllium	MG/KG	-	-	0.64	0.48	0.35	0.44	0.48
Cadmium	MG/KG	0.6	9	0.30 U	3.5	0.54	2.1	1.8
Calcium	MG/KG	-	-	27,200	38,300	28,100	46,200	44,400
Chromium	MG/KG	26	110	32.1	64.0	16.1	52.7	53.9
Cobalt	MG/KG	-	-	10.4	10.3	6.5	7.4	8.3
Copper	MG/KG	16	110	47.5	108	23.5	75.5	71.9
Iron	MG/KG	20000	40000	23,000	18,300	14,100	15,300	20,600
Lead	MG/KG	31	110	133	91.2	21.9	282	112
Magnesium	MG/KG	-	-	11,100	10,800	9,740	12,400	13,500
Manganese	MG/KG	460	1100	493	309	410	308	381
Mercury	MG/KG	0.15	1.3	0.221	0.693	0.093	2.3	0.569
Nickel	MG/KG	16	50	32.8	34.9	15.9	23.8	26.6
Potassium	MG/KG	-	-	1,650	1,290	1,250	1,210	1,540
Silver	MG/KG	1	2.2	0.75 U	0.93	0.88 U	0.87	0.90
Sodium	MG/KG	-	-	211 U	301	246 U	189 U	191 U
Vanadium	MG/KG	-	-	20.4	17.4	12.5	13.2	13.9
Zinc	MG/KG	120	270	250 J	975	215 J	509 J	508 J

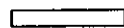
Criteria (1)- NYSDEC Technical Guidance for Screening Contaminated Sediments, Lowest Effect Level, January 25, 1999.

Criteria (2)- NYSDEC Technical Guidance for Screening Contaminated Sediments, Severe Effect Level, January 25, 1999.

Flags assigned during chemistry validation are shown.



Concentration Exceeds Criteria (1)



Concentration Exceeds Criteria (2)

J - The reported concentration is an estimated value.

D - Result reported from a secondary dilution analysis.

U - Not detected above the reported quantitation limit.

NA - Not Analyzed

Only Detected Results Reported.

Detection Limits shown are MDL

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[SITEID] = '01' AND ([SACODE] = 'N' OR ([SACODE] = 'D') AND [MATRIX] = 'SE' AND ([LOCID] LIKE 'SED-' AND [LOGDATE] >= 42/17/2005) AND [PRCODE] = 'M'

TABLE 4-28
SUMMARY OF DETECTED RI SEDIMENT ANALYTICAL RESULTS - LOWEST AND SEVERE EFFECT LEVELS
NYSEG - FORMER TRANSIT STREET MGP SITE
LOCKPORT, NEW YORK

Location ID				SED-29	SED-30	SED-30	SED-31	SED-31
Sample ID				SED 29 0.5-1.5	SED 30 0-1	SED 30 1-2	SED 31 0-1	SED 31 1-2
Matrix				Sediment	Sediment	Sediment	Sediment	Sediment
Depth Interval (ft)				0.5-1.5	0.0-1.0	1.0-2.0	0.0-1.0	1.0-2.0
Date Sampled				04/12/05	04/12/05	04/12/05	04/12/05	04/12/05
Parameter	Units	Criteria (1)	Criteria (2)					
Metals								
Aluminum	MG/KG	-	-	6,440	5,560	9,810	5,130	6,380
Arsenic	MG/KG	6	33	5.5	4.1	4.8	5.2	5.5
Barium	MG/KG	-	-	66.4	49.6	80.5	46.2	61.3
Beryllium	MG/KG	-	-	0.38	0.33	0.48	0.43	0.43
Cadmium	MG/KG	0.6	9	1.8	1.0	1.4	0.26	1.3
Calcium	MG/KG	-	-	41,900	102,000	43,800	136,000	101,000
Chromium	MG/KG	26	110	45.2	26.5	42.7	19.7	33.2
Cobalt	MG/KG	-	-	6.7	5.1	7.8	5.1	6.4
Copper	MG/KG	16	110	60.7	45.5	61.5	28.0	50.3
Iron	MG/KG	20000	40000	13,900	11,200	16,900	14,000	13,700
Lead	MG/KG	31	110	104	56.5	125	56.0	88.5
Magnesium	MG/KG	-	-	14,000	24,800	14,200	24,600	17,400
Manganese	MG/KG	460	1100	282	312	371	405	350
Mercury	MG/KG	0.15	1.3	0.474	0.240	0.246	0.102	0.244
Nickel	MG/KG	16	50	20.5	15.5	26.6	13.8	18.9
Potassium	MG/KG	-	-	1,090	1,010	1,330	1,880	1,520
Silver	MG/KG	1	2.2	0.72 U	0.58 U	2.0	0.92	0.63 U
Sodium	MG/KG	-	-	202 U	411	437	214	199
Vanadium	MG/KG	-	-	11.2	9.5	14.6	8.8	11.0
Zinc	MG/KG	120	270	491 J	313 J	346 J	164 J	407 J

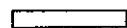
Criteria (1)- NYSDEC Technical Guidance for Screening Contaminated Sediments, Lowest Effect Level, January 25, 1999.

Criteria (2)- NYSDEC Technical Guidance for Screening Contaminated Sediments, Severe Effect Level, January 25, 1999.

Flags assigned during chemistry validation are shown.



Concentration Exceeds Criteria (1)



Concentration Exceeds Criteria (2)

J - The reported concentration is an estimated value.

D - Result reported from a secondary dilution analysis.

U - Not detected above the reported quantitation limit.

NA - Not Analyzed

Only Detected Results Reported.

Detection Limits shown are MDL

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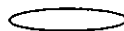
TABLE 4-28
SUMMARY OF DETECTED RI SEDIMENT ANALYTICAL RESULTS - LOWEST AND SEVERE EFFECT LEVELS
NYSEG - FORMER TRANSIT STREET MGP SITE
LOCKPORT, NEW YORK

Location ID				SED-32	SED-32	SED-33	SED-34	SED-35
Sample ID				SED 32 0-1	SED 32 4-4.8	SED 33 0-1	SED 34 0-1	SED 35 0-1
Matrix				Sediment	Sediment	Sediment	Sediment	Sediment
Depth Interval (ft)				0.0-1.0	4.0-4.8	0.0-1.0	0.0-1.0	0.0-1.0
Date Sampled				04/12/05	04/12/05	04/12/05	04/12/05	04/12/05
Parameter	Units	Criteria (1)	Criteria (2)					
Metals								
Aluminum	MG/KG	-	-	11,400	10,300	8,480	6,640	4,480
Arsenic	MG/KG	6	33	3.4	8.6	3.7	3.8	4.0
Barium	MG/KG	-	-	102	98.5	63.3	68.2	88.3
Beryllium	MG/KG	-	-	0.58	0.56	0.44	0.35	0.31 U
Cadmium	MG/KG	0.6	9	3.8	5.7	0.34 U	1.8	0.31 U
Calcium	MG/KG	-	-	21,800	24,400	45,300	29,200	46,200
Chromium	MG/KG	26	110	84.4	63.8	15.0	43.3	13.9
Cobalt	MG/KG	-	-	9.6	11.0	6.9	5.7	5.8
Copper	MG/KG	16	110	119	150	24.7	55.9	27.5
Iron	MG/KG	20000	40000	19,200	23,400	15,800	13,900	20,700
Lead	MG/KG	31	110	139	116	19.0	43.9	23.5
Magnesium	MG/KG	-	-	10,800	9,610	7,820	9,940	13,900
Manganese	MG/KG	460	1100	318	319	305	406	403
Mercury	MG/KG	0.15	1.3	0.509	0.830	0.042	0.338	0.143
Nickel	MG/KG	16	50	32.3	36.5	20.6	17.5	16.5
Potassium	MG/KG	-	-	1,430	1,200	1,160	840	762
Silver	MG/KG	1	2.2	1.1	1.2	0.86 U	0.67 U	0.79 U
Sodium	MG/KG	-	-	197 U	254	321	188 U	220 U
Vanadium	MG/KG	-	-	18.8	17.5	14.0	11.2	13.4
Zinc	MG/KG	120	270	680 J	1,580 J	121 J	405 J	212 J

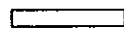
Criteria (1)- NYSDEC Technical Guidance for Screening Contaminated Sediments, Lowest Effect Level, January 25, 1999.

Criteria (2)- NYSDEC Technical Guidance for Screening Contaminated Sediments, Severe Effect Level, January 25, 1999.

Flags assigned during chemistry validation are shown.



Concentration Exceeds Criteria (1)



Concentration Exceeds Criteria (2)

J - The reported concentration is an estimated value.

D - Result reported from a secondary dilution analysis.

U - Not detected above the reported quantitation limit.

NA - Not Analyzed

Only Detected Results Reported.

Detection Limits shown are MDL

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[SITEID] = '01' AND ([SACCODE] = 'N' OR [SACCODE] = 'FD') AND [MATRIX] = 'SE' AND [LOCID] LIKE 'SED-' AND [LOGDATE] >= #2/17/2005# AND ([PRCODE] = 'M'

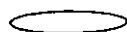
TABLE 4-28
SUMMARY OF DETECTED RI SEDIMENT ANALYTICAL RESULTS - LOWEST AND SEVERE EFFECT
LEVELS
NYSEG - FORMER TRANSIT STREET MGP SITE
LOCKPORT, NEW YORK

Location ID				SED-36
Sample ID				SED 36 0-1
Matrix				Sediment
Depth Interval (ft)				0.0-1.0
Date Sampled				04/12/05
Parameter	Units	Criteria (1)	Criteria (2)	
Metals				
Aluminum	MG/KG	-	-	12,300
Arsenic	MG/KG	6	33	4.3
Barium	MG/KG	-	-	85.7 J
Beryllium	MG/KG	-	-	0.55
Cadmium	MG/KG	0.6	9	0.49
Calcium	MG/KG	-	-	34,900
Chromium	MG/KG	26	110	22.2
Cobalt	MG/KG	-	-	9.8
Copper	MG/KG	16	110	35.5
Iron	MG/KG	20000	40000	22,500
Lead	MG/KG	31	110	25.1
Magnesium	MG/KG	-	-	10,300
Manganese	MG/KG	460	1100	518
Mercury	MG/KG	0.15	1.3	0.059
Nickel	MG/KG	16	50	27.5
Potassium	MG/KG	-	-	1,530
Silver	MG/KG	1	2.2	0.89 U
Sodium	MG/KG	-	-	250 U
Vanadium	MG/KG	-	-	19.7
Zinc	MG/KG	120	270	168

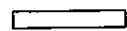
Criteria (1)- NYSDEC Technical Guidance for Screening Contaminated Sediments, Lowest Effect Level, January 25, 1999.

Criteria (2)- NYSDEC Technical Guidance for Screening Contaminated Sediments, Severe Effect Level, January 25, 1999.

Flags assigned during chemistry validation are shown.



Concentration Exceeds Criteria (1)



Concentration Exceeds Criteria (2)

J - The reported concentration is an estimated value.
D - Result reported from a secondary dilution analysis.
U - Not detected above the reported quantitation limit.
NA - Not Analyzed

Only Detected Results Reported.

Detection Limits shown are MDL

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(SITEID) = '01' AND (SACODE) = '7' OR (SACODE) = 'F0') AND (MATRIX) = 'SE' AND (LOCID) LIKE 'SED-' AND (LOGDATE) >= #2/17/2005# AND (PRCODE) = 'MI'

TABLE 4-29
STATISTICAL SUMMARY OF DETECTED SEDIMENT ANALYTICAL RESULTS
NYSEG - FORMER TRANSIT STREET MGP SITE

Parameter	Units	No. of Samples	No. of Detections	Range of Detections					Dist	Location of Max Value	Depth Of Max
				Min	Max	Avg	StdDev	UCL95			
Volatile Organic Compounds											
Benzene	UG/KG	53	1	2.00	2.00	2.00	-	-	Normal	SED-17	0-1
Semivolatile Organic Compounds											
Acenaphthene	UG/KG	53	6	260.0	1,100	443.3	332.7	709.5	Non-Normal	SED-15	1.5-2.5
Acenaphthylene	UG/KG	53	10	140.0	2,100	660.0	684.7	1,084	Non-Normal	SED-15	0.5-1.5
Anthracene	UG/KG	53	9	220.0	1,300	671.1	388.1	924.7	Non-Normal	SED-15	1.5-2.5
Benzo(a)anthracene	UG/KG	53	21	230.0	7,800	1,762	1,803	2,533	Non-Normal	SED-15	0.5-1.5
Benzo(a)pyrene	UG/KG	53	32	160.0	6,600	1,139	1,424	1,633	Non-Normal	SED-15	0.5-1.5
Benzo(b)fluoranthene	UG/KG	53	32	240.0	7,300	1,390	1,668	1,968	Non-Normal	SED-15	0.5-1.5
Benzo(g,h,i)perylene	UG/KG	53	8	370.0	1,100	692.5	267.2	877.7	Non-Normal	SED-16	0-1
Benzo(k)fluoranthene	UG/KG	53	16	230.0	2,200	941.9	603.0	1,237	Non-Normal	SED-15	0.5-1.5
bis(2-Ethylhexyl)phthalate	UG/KG	53	29	210.0	2.80E+04	2,801	5,472	4,793	Non-Normal	SED-23	0-1
Butylbenzylphthalate	UG/KG	53	3	320.0	2,600	1,407	1,144	2,701	Non-Normal	SED-15	0.5-1.5
Carbazole	UG/KG	53	3	310.0	420.0	356.7	56.86	421.0	Non-Normal	SED-16	0-1
Chrysene	UG/KG	53	30	170.0	6,200	1,260	1,409	1,765	Non-Normal	SED-15	0.5-1.5
Dibenz(a,h)anthracene	UG/KG	53	2	330.0	400.0	385.0	49.50	433.6	Non-Normal	SED-16	0-1
Dibenzofuran	UG/KG	53	2	150.0	200.0	175.0	35.36	224.0	Non-Normal	SED-18	0-1
Di-n-butylphthalate	UG/KG	53	2	390.0	2,400	1,395	1,421	3,365	Non-Normal	SED-07	0-1
Di-n-octylphthalate	UG/KG	53	7	56.00	2,300	543.5	800.1	1,136	Non-Normal	SED-23	0-1

Only Detected Results Reported.

TABLE 4-29
STATISTICAL SUMMARY OF DETECTED SEDIMENT ANALYTICAL RESULTS
NYSEG - FORMER TRANSIT STREET MGP SITE

Parameter	Units	No. of Samples	No. of Detections	Range of Detections					Dist	Location of Max Value	Depth Of Max
				Min	Max	Avg	StdDev	UCL95			
Semivolatile Organic Compounds											
Fluoranthene	UG/KG	53	42	190.0	1.10E+04	1,909	2,583	2,690	Non-Normal	SED-15	0.5-1.5
Fluorene	UG/KG	53	6	160.0	600.0	343.3	162.6	473.4	Non-Normal	SED-25	0-1
Indeno(1,2,3-cd)pyrene	UG/KG	53	8	330.0	1,100	655.0	266.7	839.8	Non-Normal	SED-16	0-1
Naphthalene	UG/KG	53	2	140.0	160.0	150.0	14.14	169.6	Non-Normal	SED-16	0-1
Phenanthrene	UG/KG	53	33	130.0	6,500	1,212	1,741	1,807	Non-Normal	SED-15	1.5-2.5
Pyrene	UG/KG	53	39	170.0	1.20E+04	1,706	2,376	2,451	Non-Normal	SED-15	0.5-1.5
Polychlorinated Biphenyls											
Aroclor 1242	UG/KG	53	6	84.00	2.20E+05	4,20E+04	8,75E+04	1.12E+05	Non-Normal	SED-22	2-3
Aroclor 1248	UG/KG	53	48	7.00	4.00E+04	2,129	6,544	3,981	Non-Normal	SED-24	0-1
Aroclor 1254	UG/KG	53	38	29.00	9.00E+04	4,140	1.52E+04	8,971	Non-Normal	SED-22	2-3
Aroclor 1260	UG/KG	53	4	13.00	600.0	168.8	287.8	450.8	Non-Normal	SED-03	3.5-4
Metals											
Aluminum	MG/KG	53	53	3,730	1.45E+04	8,237	2,756	8,979	Normal	SED-13	0-1
Arsenic	MG/KG	53	53	3.10	10.40	5.13	1.54	5.55	Non-Normal	SED-09	3-4
Barium	MG/KG	53	53	41.50	217.0	83.06	29.23	90.93	Non-Normal	SED-06	0-1
Beryllium	MG/KG	53	49	0.290	0.670	0.456	0.094	0.482	Normal	SED-21	0-0.7
Cadmium	MG/KG	53	45	0.260	5.70	1.65	1.19	2.00	Non-Normal	SED-32	4-4.8
Calcium	MG/KG	53	53	1.76E+04	1.45E+05	4.64E+04	2.77E+04	5.38E+04	Non-Normal	SED-23	0-1

Only Detected Results Reported.

TABLE 4-29
STATISTICAL SUMMARY OF DETECTED SEDIMENT ANALYTICAL RESULTS
NYSEG - FORMER TRANSIT STREET MGP SITE

Parameter	Units	No. of Samples	No. of Detections	Range of Detections					Dist	Location of Max Value	Depth Of Max
				Min	Max	Avg	StdDev	UCL95			
Metals											
Chromium	MG/KG	53	53	7.45	84.40	38.14	18.11	43.01	Normal	SED-32	0-1
Cobalt	MG/KG	53	53	3.80	11.80	7.70	2.15	8.28	Normal	SED-13	0-1
Copper	MG/KG	53	53	11.70	407.0	73.99	58.72	89.80	Non-Normal	SED-15	1.5-2.5
Iron	MG/KG	53	53	8,580	3.47E+04	1.71E+04	5,352	1.86E+04	Non-Normal	SED-21	0-0.7
Lead	MG/KG	53	53	19.00	567.1	116.3	94.29	141.6	Non-Normal	SED-19	2-3
Magnesium	MG/KG	53	53	7,030	2.48E+04	1.32E+04	4,510	1.44E+04	Non-Normal	SED-30	0-1
Manganese	MG/KG	53	53	220.0	2,430	415.8	299.6	496.4	Non-Normal	SED-14	1.5-2.5
Mercury	MG/KG	53	53	0.042	2.70	0.433	0.495	0.566	Non-Normal	SED-16	0-1
Nickel	MG/KG	53	53	8.35	82.40	24.61	11.96	27.83	Non-Normal	SED-13	2-3
Potassium	MG/KG	53	53	762.0	2,090	1,340	283.0	1,416	Normal	SED-21	0-0.7
Silver	MG/KG	53	18	0.660	3.60	1.21	0.728	1.55	Non-Normal	SED-17	0-1
Sodium	MG/KG	53	33	152.3	967.0	373.0	186.0	436.5	Non-Normal	SED-07	0-1
Vanadium	MG/KG	53	53	6.00	23.30	13.70	4.30	14.86	Normal	SED-21	0-0.7
Zinc	MG/KG	53	53	51.40	1,580	408.7	281.4	484.5	Non-Normal	SED-32	4-4.8
Miscellaneous Parameters											
Total Cyanide	MG/KG	53	4	1.40	2.60	1.78	0.556	2.32	Non-Normal	SED-17	0-1
Total Organic Carbon (TOC)	MG/KG	53	53	1.04E+04	8.09E+04	2.59E+04	1.31E+04	2.94E+04	Non-Normal	SED-24	0-1
Solids, Percent	PERCENT	53	53	46.80	80.80	66.80	8.62	69.12	Normal	SED-24	1.5-2.5

Only Detected Results Reported.

TABLE 4-29
STATISTICAL SUMMARY OF DETECTED SEDIMENT ANALYTICAL RESULTS
NYSEG - FORMER TRANSIT STREET MGP SITE

Parameter	Units	No. of Samples	No. of Detections	Range of Detections					Dist	Location of Max Value	Depth Of Max
				Min	Max	Avg	StdDev	UCL95			
Miscellaneous Parameters											
Total Cyanide (Secondary Lab)	MG/KG	4	4	0.200	0.440	0.318	0.107	0.423	Normal	SED-09	0-1
Ferric/Ferrous Iron Cyanide Complex	MG/KG	4	4	0.124	0.386	0.245	0.111	0.353	Normal	SED-16	0-1

Only Detected Results Reported.

TABLE 4-30
SUMMARY OF DETECTED RI SOIL VAPOR/AIR ANALYTICAL RESULTS
NYSEG - FORMER TRANSIT STREET MGP SITE
LOCKPORT, NEW YORK

Location ID		20060309-OA-1	20060317-OA-1	H-01	H-02	H-02
Sample ID		20060309-OA-1	20060317-OA-1	H-01-SS-1	H-02-SS-B	H-02-SS-B-DUP
Matrix		Ambient Air	Ambient Air	Sub-Slab Air	Sub-Slab Air	Sub-Slab Air
Depth Interval (ft)		-	-	-	-	-
Date Sampled		03/09/06	03/17/06	03/08/06	03/08/06	03/08/06
Parameter	Units					Field Duplicate (1-1)
Volatile Organic Compounds						
1,1,1-Trichloroethane	UG/M3	1.1 U	1.1 U	160	1.0 J	0.87 J
1,1,2-Trichloro-1,2,2-trifluoroethane	UG/M3	0.46 J	0.55 J	0.52 J	0.56 J	0.47 J
1,1-Dichloroethane	UG/M3	0.81 U	0.81 U	1.0	0.81 U	0.81 U
1,2,4-Trimethylbenzene	UG/M3	0.35 J	0.50 J	5.3	4.8	4.3
1,2-Dichloroethane	UG/M3	0.81 U	0.81 U	0.35 J	0.81 U	0.81 U
1,3,5-Trimethylbenzene (Mesitylene)	UG/M3	0.98 U	0.98 U	1.6	1.3	1.2
1,3-Butadiene	UG/M3	0.88 U	0.15 J	0.88 U	0.88 U	0.88 U
alpha-Methylstyrene	UG/M3	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U
Benzene	UG/M3	0.86	1.1	13	3.4	3.4
Bromodichloromethane	UG/M3	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U
Carbon disulfide	UG/M3	1.6 U	1.6 U	0.45 J	1.6 U	0.14 J
Carbon tetrachloride	UG/M3	0.48 J	0.56 J	0.55 J	0.41 J	0.34 J
Chlorodifluoromethane	UG/M3	0.89	0.74	0.65 J	6.2	5.7
Chloroethane	UG/M3	0.53 U	0.53 U	0.53 U	0.53 U	0.53 U
Chloroform	UG/M3	0.98 U	0.98 U	0.69 J	0.31 J	0.27 J
Chloromethane	UG/M3	1.3	1.6	1.0 U	0.56 J	0.48 J
Cyclohexane	UG/M3	1.7 U	1.7 U	4.9	2.6	2.5
Dichlorodifluoromethane	UG/M3	2.5	2.9	2.7	3.4	2.9
Ethylbenzene	UG/M3	0.34 J	0.49 J	8.3	3.8	3.6
Hexachlorobutadiene	UG/M3	11 U	11 U	11 U	11 U	11 U
Isopropylbenzene (Cumene)	UG/M3	2.0 U	2.0 U	0.55 J	2.0 U	2.0 U
m&p-Xylene	UG/M3	1.0	1.5	28	11	11
Naphthalene	UG/M3	2.6 U	2.6 U	2.6 U	0.90 J	0.59 J

Flags assigned during chemistry validation are shown.

J - The reported concentration is an estimated value.

D - Result reported from a secondary dilution analysis.

U - Not detected above the reported quantitation limit.

NJ - The compound identification is tentative, and the reported concentration is an estimated value.

Only Detected Results Reported.

Detection Limits shown are PQL

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 ([SACODE] = 'N' OR [SACODE] = 'D') AND ([MATRIX] = 'AA' OR [MATRIX] = 'SS' OR [MATRIX] = 'A' OR [MATRIX] = 'AS') AND [LOGDATE] >= #3/8/2006

TABLE 4-30
SUMMARY OF DETECTED RI SOIL VAPOR/AIR ANALYTICAL RESULTS
NYSEG - FORMER TRANSIT STREET MGP SITE
LOCKPORT, NEW YORK

Location ID		20060309-OA-1	20060317-OA-1	H-01	H-02	H-02
Sample ID		20060309-OA-1	20060317-OA-1	H-01-SS-1	H-02-SS-B	H-02-SS-B-DUP
Matrix		Ambient Air	Ambient Air	Sub-Slab Air	Sub-Slab Air	Sub-Slab Air
Depth Interval (ft)		-	-	-	-	-
Date Sampled		03/09/06	03/17/06	03/08/06	03/08/06	03/08/06
Parameter	Units					Field Duplicate (1-1)
Volatile Organic Compounds						
Nonane	UG/M3	2.6 U	2.6 U	0.72 J	0.81 J	0.69 J
n-Butane	UG/M3	3.8	2.5	17	9.4	7.5
n-Decane	UG/M3	5.8 U	5.8 U	5.8 U	0.83 J	0.67 J
n-Dodecane	UG/M3	7.0 U	7.0 U	7.0 U	7.0 U	7.0 U
n-Heptane	UG/M3	0.41 J	2.0 U	6.9	4.0	3.9
n-Hexane	UG/M3	0.55 J	0.69 J	15	5.7	4.8
n-Propylbenzene	UG/M3	2.0 U	2.0 U	1.1 J	0.75 J	0.71 J
n-Octane	UG/M3	1.9 U	0.43 J	1.4 J	1.4 J	1.3 J
n-Undecane	UG/M3	6.4 U	6.4 U	6.4 U	0.89 J	6.4 U
o-Xylene	UG/M3	0.40 J	0.63 J	9.2	4.8	4.6
Pentane	UG/M3	1.1 J	1.2 J	23	7.4	6.3
Styrene	UG/M3	0.85 U	0.85 U	0.85 U	0.85 U	0.85 U
Tetrachloroethene	UG/M3	1.4 U	1.4 U	0.28 J	0.23 J	0.24 J
Toluene	UG/M3	2.0	2.2	59	19	18
Trichloroethene	UG/M3	1.1 U	1.1 U	0.22 J	1.1 U	1.1 U
Trichlorofluoromethane	UG/M3	1.4	1.4	1.3	2.7	2.4
Total BTEX	UG/M3	4.6	5.92	117.5	42	40.6
Total Volatile Organic Compounds	UG/M3	17.84	19.14	363.68	98.15	88.87
Tentatively Identified Volatiles						
Isopentane	UG/M3	0 U	0 U	47 NJ	19 NJ	16 NJ

Flags assigned during chemistry validation are shown.

J - The reported concentration is an estimated value.

D - Result reported from a secondary dilution analysis.

U - Not detected above the reported quantitation limit.

NJ - The compound identification is tentative, and the reported concentration is an estimated value.

Only Detected Results Reported.

Detection Limits shown are PQL

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([SACODE] = 'N' OR [SACODE] = 'FD') AND ([MATRIX] = 'AA' OR [MATRIX] = 'GS' OR [MATRIX] = 'AF' OR [MATRIX] = 'AS') AND ([LOGDATE] >= 4/3/2006)

TABLE 4-30
SUMMARY OF DETECTED RI SOIL VAPOR/AIR ANALYTICAL RESULTS
NYSEG - FORMER TRANSIT STREET MGP SITE
LOCKPORT, NEW YORK

Location ID		H-03	H-03	H-03	H-03	H-03
Sample ID		H-03-IA-1	H-03-IA-1-DUP	H-03-IA-B	H-03-IA-B-DUP	H-03-SS-B
Matrix		Indoor Air	Indoor Air	Indoor Air	Indoor Air	Sub-Slab Air
Depth Interval (ft)		-	-	-	-	-
Date Sampled		03/09/06	03/09/06	03/09/06	03/09/06	03/09/06
Parameter	Units		Field Duplicate (1-1)	(2-2)	Field Duplicate (2-2)	
Volatile Organic Compounds						
1,1,1-Trichloroethane	UG/M3	1.1	1.1	0.73 J	1.1 U	20
1,1,2-Trichloro-1,2,2-trifluoroethane	UG/M3	0.55 J	0.56 J	0.55 J	0.24 J	0.64 J
1,1-Dichloroethane	UG/M3	0.81 U	0.81 U	0.81 U	0.81 U	4.2
1,2,4-Trimethylbenzene	UG/M3	0.47 J	0.62 J	0.79 J	0.98 U	3.9
1,2-Dichloroethane	UG/M3	0.72 J	0.75 J	1.1	0.25 J	0.52 J
1,3,5-Trimethylbenzene (Mesitylene)	UG/M3	0.98 U	0.98 U	0.98 U	0.98 U	1.00
1,3-Butadiene	UG/M3	0.20 J	0.21 J	0.19 J	0.14 J	0.18 J
alpha-Methylstyrene	UG/M3	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U
Benzene	UG/M3	1.3	1.5	1.2	0.64 U	5.7
Bromodichloromethane	UG/M3	0.34 J	0.36 J	1.3 U	1.3 U	1.3 U
Carbon disulfide	UG/M3	0.21 J	1.6 U	0.37 J	0.12 J	10
Carbon tetrachloride	UG/M3	0.45 J	0.50 J	0.50 J	1.3 U	0.36 J
Chlorodifluoromethane	UG/M3	0.71 U	0.76	0.88	0.76	0.40 J
Chloroethane	UG/M3	0.53 U	0.53 U	0.53 U	0.53 U	0.53 U
Chloroform	UG/M3	1.5	0.84 J	0.73 J	0.27 J	5.5
Chloromethane	UG/M3	1.5	1.4	1.6	1.7	0.32 J
Cyclohexane	UG/M3	0.62 J	0.69 J	0.46 J	1.7 U	2.2
Dichlorodifluoromethane	UG/M3	2.4	2.5	2.9	2.6	2.5
Ethylbenzene	UG/M3	0.98	1.1	0.67 J	0.87 U	2.4
Hexachlorobutadiene	UG/M3	11 U	11 U	11 U	11 U	11 U
Isopropylbenzene (Cumene)	UG/M3	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
m&p-Xylene	UG/M3	2.0	2.3	1.7	0.87 U	6.7
Naphthalene	UG/M3	18	18	120	1.3 J	11

Flags assigned during chemistry validation are shown.

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NJ - The compound identification is tentative, and the reported concentration is an estimated value.

Only Detected Results Reported.

Detection Limits shown are PQL

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TABLE 4-30
SUMMARY OF DETECTED RI SOIL VAPOR/AIR ANALYTICAL RESULTS
NYSEG - FORMER TRANSIT STREET MGP SITE
LOCKPORT, NEW YORK

Location ID		H-03	H-03	H-03	H-03	H-03
Sample ID		H-03-1A-1	H-03-1A-1-DUP	H-03-1A-B	H-03-1A-B-DUP	H-03-SS-B
Matrix		Indoor Air	Indoor Air	Indoor Air	Indoor Air	Sub-Slab Air
Depth Interval (ft)		-	-	-	-	-
Date Sampled		03/09/06	03/09/06	03/09/06	03/09/06	03/09/06
Parameter	Units		Field Duplicate (1-1)	(2-2)	Field Duplicate (2-2)	
Volatile Organic Compounds						
Nonane	UG/M3	1.0 J	1.4 J	3.0	2.6 U	2.6
n-Butane	UG/M3	15	15	13	12	15
n-Decane	UG/M3	0.98 J	0.80 J	2.8 J	5.8 U	2.0 J
n-Dodecane	UG/M3	7.0 U	7.0 U	7.0 U	7.0 U	7.0 U
n-Heptane	UG/M3	1.8 J	2.0 J	0.96 J	2.0 U	4.8
n-Hexane	UG/M3	0.99 J	1.1 J	1.4 J	0.21 J	5.8
n-Propylbenzene	UG/M3	2.0 U	2.0 U	2.0 U	2.0 U	0.45 J
n-Octane	UG/M3	0.37 J	0.45 J	0.27 J	1.9 U	1.3 J
n-Undecane	UG/M3	6.4 U	6.4 U	1.4 J	6.4 U	6.4 U
o-Xylene	UG/M3	0.75 J	1.00	0.65 J	0.87 U	2.4
Pentane	UG/M3	4.2	4.4	3.4	2.5 J	8.8
Styrene	UG/M3	0.97	1.0	0.43 J	0.85 U	1.1
Tetrachloroethene	UG/M3	0.22 J	0.26 J	0.24 J	1.4 U	0.64 J
Toluene	UG/M3	12	13	6.5	0.75 U	22
Trichloroethene	UG/M3	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U
Trichlorofluoromethane	UG/M3	2.5	2.6	3.2	2.3	1.7
Total BTEX	UG/M3	17.03	18.9	10.72	ND	39.2
Total Volatile Organic Compounds	UG/M3	73.12	76.2	171.62	24.39	146.11
Tentatively identified Volatiles						
Isopentane	UG/M3	44 NJ	47 NJ	27 NJ	16 NJ	24 NJ

Flags assigned during chemistry validation are shown.

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U - Not detected above the reported quantitation limit.

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Only Detected Results Reported.

Detection Limits shown are PQL

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TABLE 4-30
SUMMARY OF DETECTED RI SOIL VAPOR/AIR ANALYTICAL RESULTS
NYSEG - FORMER TRANSIT STREET MGP SITE
LOCKPORT, NEW YORK

Location ID		OA-01	OA-02	SG-01	SG-02
Sample ID		20060308-OA-1	20060308-OA-2	SG-01	SG-02
Matrix		Ambient Air	Ambient Air	Soil Gas	Soil Gas
Depth Interval (ft)		-	-	-	-
Date Sampled		03/08/06	03/08/06	03/17/06	03/17/06
Parameter	Units				
Volatile Organic Compounds					
1,1,1-Trichloroethane	UG/M3	1.1 U	0.27 J	1.1 U	3.9
1,1,2-Trichloro-1,2,2-trifluoroethane	UG/M3	0.49 J	0.48 J	0.47 J	0.53 J
1,1-Dichloroethane	UG/M3	0.81 U	0.81 U	0.81 U	0.81 U
1,2,4-Trimethylbenzene	UG/M3	0.98 U	0.49 J	6.8	3.0
1,2-Dichloroethane	UG/M3	0.81 U	0.81 U	0.81 U	0.81 U
1,3,5-Trimethylbenzene (Mesitylene)	UG/M3	0.98 U	0.98 U	1.9	2.4
1,3-Butadiene	UG/M3	0.88 U	0.88 U	0.22 J	0.88 U
alpha-Methylstyrene	UG/M3	1.9 U	1.9 U	1.3 J	1.9 U
Benzene	UG/M3	1.1	1.1	5.3	2.5
Bromodichloromethane	UG/M3	1.3 U	1.3 U	1.3 U	1.3 U
Carbon disulfide	UG/M3	1.6 U	0.18 J	1.3 J	0.53 J
Carbon tetrachloride	UG/M3	0.47 J	0.64 J	0.50 J	0.61 J
Chlorodifluoromethane	UG/M3	1.2	0.84	0.64 J	0.55 J
Chloroethane	UG/M3	0.19 J	0.53 U	0.53 U	0.53 U
Chloroform	UG/M3	0.98 U	0.98 U	0.16 J	0.98 U
Chloromethane	UG/M3	2.0	1.3	0.64 J	0.32 J
Cyclohexane	UG/M3	1.7 U	1.7 U	0.52 J	1.7 U
Dichlorodifluoromethane	UG/M3	2.9	2.6	2.6	2.7
Ethylbenzene	UG/M3	0.36 J	0.40 J	9.5	2.4
Hexachlorobutadiene	UG/M3	11 U	11 U	11 U	1.5 J
Isopropylbenzene (Cumene)	UG/M3	2.0 U	2.0 U	2.9	0.48 J
m&p-Xylene	UG/M3	0.95	1.1	40	9.8
Naphthalene	UG/M3	2.6 U	2.6 U	0.77 J	2.6 U

Flags assigned during chemistry validation are shown.

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D - Result reported from a secondary dilution analysis.

U - Not detected above the reported quantitation limit.

NJ - The compound identification is tentative, and the reported concentration is an estimated value.

Only Detected Results Reported.

Detection Limits shown are PQL

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TABLE 4-30
SUMMARY OF DETECTED RI SOIL VAPOR/AIR ANALYTICAL RESULTS
NYSEG - FORMER TRANSIT STREET MGP SITE
LOCKPORT, NEW YORK

Location ID		OA-01	OA-02	SG-01	SG-02
Sample ID		20060308-OA-1	20060308-OA-2	SG-01	SG-02
Matrix		Ambient Air	Ambient Air	Soil Gas	Soil Gas
Depth Interval (ft)		-	-	-	-
Date Sampled		03/08/06	03/08/06	03/17/06	03/17/06
Parameter	Units				
Volatile Organic Compounds					
Nonane	UG/M3	2.6 U	2.6 U	0.80 J	0.43 J
n-Butane	UG/M3	4.5	4.0	2.8	0.95 U
n-Decane	UG/M3	5.8 U	1.0 J	1.8 J	0.61 J
n-Dodecane	UG/M3	7.0 U	7.0 U	1.1 J	7.0 U
n-Heptane	UG/M3	0.57 J	0.46 J	2.0 U	2.0 U
n-Hexane	UG/M3	0.63 J	0.61 J	0.90 J	0.68 J
n-Propylbenzene	UG/M3	2.0 U	2.0 U	0.58 J	2.0 U
n-Octane	UG/M3	1.9 U	1.9 U	0.88 J	0.76 J
n-Undecane	UG/M3	6.4 U	6.4 U	2.0 J	6.4 U
o-Xylene	UG/M3	0.38 J	0.46 J	15	5.1
Pentane	UG/M3	1.6 J	1.4 J	1.4 J	3.0 U
Styrene	UG/M3	0.85 U	0.85 U	0.81 J	0.44 J
Tetrachloroethene	UG/M3	1.4 U	0.81 J	0.60 J	1.3
Toluene	UG/M3	2.1	2.1	9.5	9.0
Trichloroethene	UG/M3	1.1 U	1.1 U	1.1 U	1.1 U
Trichlorofluoromethane	UG/M3	1.4	1.2	1.3	1.3
Total BTEX	UG/M3	4.89	5.16	79.3	28.8
Total Volatile Organic Compounds	UG/M3	20.84	21.44	114.99	50.84
Tentatively Identified Volatiles					
Isopentane	UG/M3	0 U	0 U	0 U	0 U

Flags assigned during chemistry validation are shown.

J - The reported concentration is an estimated value.

D - Result reported from a secondary dilution analysis.

U - Not detected above the reported quantitation limit.

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Only Detected Results Reported.

Detection Limits shown are PQL

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 ([SACODE] = 'N' OR [SACODE] = 'D') AND ([MATRIX] = 'AA' OR [MATRIX] = 'GS' OR [MATRIX] = 'AF' OR [MATRIX] = 'AS') AND [LOGDATE] >= 4/8/2006

**TABLE 6-1
CONTAMINANTS OF POTENTIAL CONCERN IN SAMPLES COLLECTED
NYSEG - TRANSIT STREET FORMER MGP SITE
LOCKPORT, NY**

Parameter	Matrix				
	Subsurface Soil	Surface Soil	Groundwater	Surface Water	Sediment
Acetone	Yes				
cis-1,2-Dichloroethene			Yes		
Cyclohexane			Yes		
Methylcyclohexane			Yes		
Trichloroethene			Yes		
Tetrachloroethene			Yes		
Vinyl Chloride			Yes		
Methylene Chloride	Yes		Yes		
1,1-Dichloroethane			Yes		
1,4-Dichlorobenzene			Yes		
Styrene			Yes		
Isopropylbenzene	Yes		Yes		
Methyl t-Butyl Ether (MTBE)	Yes		Yes	Yes	
Benzene	Yes		Yes		
Toluene	Yes		Yes		
Ethylbenzene	Yes		Yes		
Xylene	Yes		Yes	Yes	
1,1-Biphenyl			Yes	Yes	
Acenaphthene	Yes		Yes		
Acenaphthylene	Yes		Yes		
Anthracene	Yes		Yes	Yes	Yes
Benzo(a)anthracene	Yes	Yes	Yes	Yes	Yes
Benzo(a)pyrene	Yes	Yes	Yes	Yes	Yes
Benzo(b)fluoranthene	Yes	Yes	Yes		Yes
Benzo(k)fluoranthene	Yes	Yes	Yes		Yes
Benzo(g,h,i)perylene	Yes		Yes		
Bis(2-ethylhexyl)phthalate			Yes	Yes	Yes
Carbazole			Yes		
Chrysene	Yes	Yes	Yes		Yes
Dibenz(a,h)anthracene	Yes	Yes	Yes		
Dibenzofuran	Yes		Yes		
Fluoranthene	Yes		Yes		
Fluorene	Yes		Yes	Yes	Yes
Indeno(1,2,3-cd)pyrene	Yes		Yes		Yes
2-Methylnaphthalene	Yes		Yes		
2-Methylphenol			Yes		
4-Methylphenol			Yes		
2,4-Dimethylphenol			Yes		
4,6-Dinitro-2-methylphenol				Yes	
4-Chloro-3-methylphenol				Yes	
Naphthalene	Yes		Yes	Yes	
Pentachlorophenol			Yes	Yes	
Phenanthrene	Yes		Yes	Yes	Yes
Phenol			Yes	Yes	
Pyrene	Yes		Yes	Yes	
Aroclor 1242					Yes
Aroclor 1248					Yes
Aroclor 1254					Yes
Aroclor 1260					Yes
Antimony			Yes		
Arsenic	Yes		Yes		Yes
Barium	Yes				
Beryllium	Yes	Yes			
Calcium	Yes	Yes			
Cadmium	Yes		Yes		Yes
Chromium	Yes	Yes	Yes		Yes
Copper	Yes	Yes	Yes		Yes
Iron	Yes	Yes	Yes	Yes	Yes
Dissolved Iron			Yes		
Lead		Yes	Yes		Yes
Magnesium	Yes	Yes	Yes		
Manganese			Yes		Yes
Mercury	Yes	Yes			Yes
Nickel	Yes	Yes	Yes		Yes
Selenium	Yes		Yes		
Silver					Yes
Sodium			Yes		
Zinc	Yes	Yes	Yes		Yes
Chloride			Yes		
Total Recoverable Phenolics			Yes	Yes	
Sulfate			Yes		
Sulfide			Yes		
Total Dissolved Solids			Yes		
Ferri/Ferrous Iron Cyanide Complex	Yes	Yes			Yes
Unknown Iron Cyanide Complex	Yes	Yes			Yes

Yes - Indicates parameter is a contaminant of potential concern.

Note: With the exception of the iron cyanide complexes, only detected contaminants that exceeded NYS regulatory standards/criteria/guidance values in one or more media are listed. No NYS regulatory criteria or guidance exist for the iron cyanide complexes.

TABLE 6-2
POTENTIAL PATHWAYS OF EXPOSURE
CURRENT USE SCENARIOS
NYSEG - TRANSIT STREET FORMER MGP SITE
LOCKPORT, NY

Potentially Contaminated Medium	Potential Routes of Exposure	Potential Receptors	Pathway Complete?
Surface Soil	Dermal absorption, ingestion.	Industrial workers, trespassers.	No. All surface soil at the site is covered by gravel. Disturbance of surface soils beneath the gravel is not anticipated under current site conditions.*
Subsurface Soil	Dermal absorption, ingestion.	Industrial workers, trespassers.	No. Disturbance of subsurface soils not anticipated under current site conditions.*
Soil Vapor	Inhalation of volatile contaminants from soil that have migrated into structures.	Industrial workers, residents.	Yes. There are existing structures at the site in which potential exposure is possible, and CPCs were detected in the overburden groundwater at both onsite and offsite monitoring locations, some of which are near potentially exposed residences. VOCs, including BTEX, were detected in soil vapor at nearby residences and other locations.
Air	Inhalation of volatile contaminants from soil or fugitive dust.	Industrial workers, trespassers.	No. There are no intrusive activities anticipated under current site conditions that could result in potential exposure to contaminants in the subsurface soil or fugitive dust.*
Groundwater	Dermal absorption, inhalation.	Industrial workers, trespassers.	No. Exposure to groundwater (i.e., the subsurface) not anticipated under current site conditions.*
	Ingestion.	Industrial workers, residents.	No. No known potable water use near site.
Surface Water	Dermal absorption, ingestion.	Industrial workers, trespassers, recreational users.	No. With the exception of iron, the only other CPC identified in the surface water during the RI was total phenolics, which was detected at one location upstream of both the Transit Street and State Road sites. Iron is an essential nutrient and its presence in the surface water is not likely related to the former MGP sites.
Sediment	Dermal absorption, ingestion.	Industrial workers, trespassers, recreational users.	Yes. Contact is possible. Ingestion is unlikely.

* If any intrusive activities are performed that may result in exposure to contamination (e.g., for maintenance purposes), a Site Management Plan will need to be developed that will provide specific procedures for controlling and/or eliminating exposure to any potentially contaminated media.

TABLE 6-3
POTENTIAL PATHWAYS OF EXPOSURE
FUTURE USE SCENARIOS
NYSEG - TRANSIT STREET FORMER MGP SITE
LOCKPORT, NY

Potentially Contaminated Medium	Potential Routes of Exposure	Potential Receptors	Pathway Complete?
Surface Soil	Dermal absorption, ingestion.	Industrial workers, trespassers.	No. All surface soil at the site is covered by gravel. Disturbance of surface soils beneath the gravel is not anticipated under future site conditions.*
Subsurface Soil	Dermal absorption, ingestion.	Industrial workers, trespassers.	No. Disturbance of subsurface soils not anticipated under future site conditions.*
Soil Vapor	Inhalation of volatile contaminants from soil that have migrated into structures.	Industrial workers, residents.	Yes. There are existing structures at the site in which potential exposure is possible, and CPCs were detected in the overburden groundwater at both onsite and offsite monitoring locations, some of which are near potentially exposed residences. VOCs, including BTEX, were detected in soil vapor at nearby residences and other locations.
Air	Inhalation of volatile contaminants from soil or fugitive dust.	Industrial workers, trespassers.	No. There are no intrusive activities anticipated under current site conditions that could result in potential exposure to contaminants in the subsurface soil or fugitive dust.*
Groundwater	Dermal absorption, inhalation.	Industrial workers, trespassers.	No. Exposure to groundwater (i.e., the subsurface) not anticipated under future site conditions.*
	Ingestion.	Industrial workers, residents.	No. Due to extensive public water supply systems in the area, no potable water use near site is anticipated.
Surface Water	Dermal absorption, ingestion.	Industrial workers, trespassers, recreational users.	No. With the exception of iron, the only other CPC identified in the surface water during the RI was total phenolics, which was detected at one location upstream of both the Transit Street and State Road sites. Iron is an essential nutrient and its presence in the surface water is not likely related to the former MGP sites.
Sediment	Dermal absorption, ingestion.	Industrial workers, trespassers, recreational users.	Yes. Contact is possible. Ingestion is unlikely.

* Because major underground gas mains and high voltage overhead electrical lines are present at the site, it is not anticipated that ownership of any portion of the site will be transferred from the current owner (NYSEG) to another party. As a result, it is unlikely that there will be any intrusive activities performed at the site. Thus, exposure pathways for the surface soil (beneath gravel cover), subsurface soil, air, and groundwater media are considered incomplete. Should NYSEG choose to develop any portion of the site to the extent that intrusive activities will be necessary, a Site Management Plan will need to be developed that will provide specific procedures for controlling and/or eliminating exposure to any potentially contaminated media.

TABLE 6-4
NYSEG - TRANSIT STREET FORMER MGP SITE
TOXICITY VALUES: CARCINOGENIC EFFECTS

Compound	USEPA Weight-of-Evidence Classification	Slope Factor (mg/kg-day) ⁻¹		Basis for Carcinogenicity Classification
		Inhalation	Oral	
1,1-Dichloroethane	C (1)	NV (1)	NV (1)	No human data and limited evidence of carcinogenicity in two animal species (rats & mice) as shown by an increased incidence of mammary gland adenocarcinomas & hemangiosarcomas in female rats & an increased incidence of hepatocellular carcinomas . .
Methylene chloride	B2 (1)	0.002 (1)	0.008 (1)	Inadequate human data and sufficient evidence of carcinogenicity in animals: increased incidence of hepatocellular neoplasms and alveolar/bronchiolar neoplasms in male and female mice, and increased incidence of benign mammary tumors in both sexes . .
Benzene	A (1)	0.027 (1)	0.055 (1)	Epidemiologic studies and case studies provide clear evidence of a causal association between exposure to benzene and acute nonlymphocytic leukemia (ANLL) and also suggest evidence for chronic nonlymphocytic leukemia (CNLL) and chronic lymphocytic le
Vinyl chloride	A (1)	0.031 (1)	1.4 (1)	Based on sufficient evidence for carcinogenicity in human epidemiology studies.
1,4-Dichlorobenzene	C (1)	NV (1)	0.024 (1)	—
2-Methylphenol (o-cresol)	C (1)	NV (1)	NV (1)	Increased incidence of skin papillomas in mice in an initiation-promotion study. The three cresol isomers produced positive results in genetic toxicity studies both alone an in combination.
4-Methylphenol (p-cresol)	C (1)	NV (1)	NV (1)	Increased incidence of skin papillomas in mice in an initiation-promotion study. The three cresol isomers produced positive results in genetic toxicity studies both alone an in combination.
Benzo(a)anthracene	B2 (1)	NV (1)	NV (1)	No human data from animal bioassays. B(a)A produced tumors in mice exposed by gavage, i.p., subcutaneous, or intramuscular injection & topical application. B(a)A produced mutations in bacteria and mammalian cells, & transformed mammalian cells . .
Benzo(a)pyrene	B2 (1)	NV (1)	7.3 (1)	Human data specifically linking BAP to a carcinogenic effect are lacking. There are, however, multiple animal studies in many species demonstrating BAP to be carcinogenic following administration by numerous routes. BAP has produced positive . . .

Source List:

- 1 SmartTOX Database
- 2 Based on estimated order of potency with respect to Benzo(a)pyrene presented in USEPA.
- 3 Chronic RFD is used for subchronic RFD when no subchronic value is available.

NV - No Value Available

USEPA Weight-of-Evidence Classification

A - Human Carcinogen
 B1 or B2 - Probable Human Carcinogen
 C - Possible Human Carcinogen

TABLE 6-4
NYSEG - TRANSIT STREET FORMER MGP SITE
TOXICITY VALUES: CARCINOGENIC EFFECTS

Compound	USEPA Weight-of-Evidence Classification	Slope Factor (mg/kg-day) ⁻¹		Basis for Carcinogenicity Classification
		Inhalation	Oral	
Benzo(b)fluoranthene	B2 (1)	NV (1)	NV (1)	No human and sufficient data from animal bioassays. B(b)F produced tumors in mice after lung implantation, i.p. or subcutaneous injection and skin painting.
Benzo(k)fluoranthene	B2 (1)	NV (1)	NV (1)	No human data & sufficient data from animal bioassays. B(k)F produced tumors after lung implantation in mice and when administered with a promoting agent in skin-painting studies. Equivocal results have been found in a lung adenoma assay in mice.
bis(2-Ethylhexyl)phthalate	B2 (1)	NV (1)	0.014 (1)	Orally administered DEHP produced significant dose-related increases in liver tumor responses in rats and mice of both sexes.
Carbazole	B2 (1)	NV (1)	0.02 (1)	
Chrysene	B2 (1)	NV (1)	NV (1)	No human data and sufficient data from animal bioassays. Produced carcinomas and malignant lymphoma in mice after intraperitoneal injection and skin carcinomas in mice following dermal exposure. Produced chromosomal abnormalities in hamster....
Dibenz(a,h)anthracene	B2 (1)	NV (1)	NV (1)	No human data & sufficient data from animal bioassays. Produced carcinomas in mice following oral or dermal exposure & injection site tumors in several species following subcutaneous or intramuscular administration. Has induced DNA damage...
Indeno(1,2,3-cd)pyrene	B2 (1)	NV (1)	NV (1)	No human data and sufficient data from animal bioassays. Produced tumors in mice following lung implants, subcutaneous injection and dermal exposure. Tested positive in bacterial gene mutation assays.
Naphthalene	C (1)	NV (1)	NV (1)	Inadequate data of carcinogenicity in humans exposed to naphthalene via the oral and inhalation routes, and the limited evidence of carcinogenicity in animals via the inhalation route
Pentachlorophenol	B2 (1)	NV (1)	0.12 (1)	Inadequate human data and sufficient evidence of carcinogenicity in animals: statistically significant increases in the incidences of multiple biologically significant tumor types (hepatocellular adenomas and carcinomas, adrenal medulla.....

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NV - No Value Available

USEPA Weight-of-Evidence Classification

A - Human Carcinogen

B1 or B2 - Probable Human Carcinogen

C - Possible Human Carcinogen

TABLE 6-4
NYSEG - TRANSIT STREET FORMER MGP SITE
TOXICITY VALUES: CARCINOGENIC EFFECTS

Compound	USEPA Weight-of-Evidence Classification	Slope Factor (mg/kg-day) ⁻¹		Basis for Carcinogenicity Classification
		Inhalation	Oral	
Arsenic	A (1)	15.05 (1)	1.5 (1)	Based on sufficient evidence from human data. An increased lung cancer mortality was observed in multiple human populations exposed primarily through inhalation. Also, increased mortality from multiple internal organ cancers (liver, kidney, ...
Beryllium	B1 (1)	8.4 (1)	NV (1)	Limited evidence of carcinogenicity in humans exposed to airborne beryllium (lung cancer) and sufficient evidence of carcinogenicity in animals.
Cadmium	B1 (1)	6.3 (1)	NV (1)	Limited evidence from occupational epidemiologic studies of cadmium is consistent across investigators and study populations. There is sufficient evidence of carcinogenicity in rats and mice by inhalation and intramuscular and subcutaneous
Lead	B2 (1)	NV (1)	NV (1)	Sufficient animal evidence. Ten rat bioassays and one mouse assay have shown statistically significant increases in renal tumors with dietary and subcutaneous exposure to several soluble lead salts. Animal assays provide reproducible results in .

Source List:

- 1 SmartTOX Database
- 2 Based on estimated order of potency with respect to Benzo(a)pyrene presented in USEPA.
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NV - No Value Available

USEPA Weight-of-Evidence Classification

A - Human Carcinogen

B1 or B2 - Probable Human Carcinogen

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Project: TRANSIT

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TABLE 6-5
NYSEG - TRANSIT STREET FORMER MGP SITE
TOXICITY VALUES: POTENTIAL NONCARCINOGENIC EFFECTS

Compound	Reference Dose (mg/kg-day)				Critical Effects			
	Inhalation		Oral		Inhalation		Oral	
	Chronic	Subchronic	Chronic	Subchronic	Chronic	Subchronic	Chronic	Subchronic
1,1-Dichloroethane	0.143 (1)	1.429 (1)	0.1 (1)	1.0 (1)	Kidney - Damage	Kidney - Damage	None observed	None observed
1,2-Dichloroethene (cis)	NV (1)	NV (1)	0.01 (1)	0.1 (1)	—	—	Blood - Decreased hematocrit; Blood - Decreased hemoglobin	Blood - Decreased hematocrit; Blood - Decreased hemoglobin
Acetone	NV (1)	NV (1)	0.9 (1)	1.0 (1)	—	—	Nephropathy	Liver - Increased weight; Kidney - Increased weight; Kidney - Nephrotoxicity
Benzene	0.009 (1)	NV (1)	0.004 (1)	NV (1)	Decreased lymphocyte count (Human occupational inhalation study; Rothman et al., 1996) - BMCL = 8.2 mg/m ³	—	Decreased lymphocyte count (Human occupational inhalation study; Rothman et al., 1996) - BMCL = 1.2 mg/kg/day	—
Cyclohexane	1.714 (1)	NV (1)	NV (1)	NV (1)	Reduced pup weights in the F1 and F2 generations.	—	—	—
Ethylbenzene	0.286 (1)	NV (1)	0.1 (1)	NV (1)	Developmental toxicity	—	Liver and kidney toxicity	—
Isopropylbenzene (Cumene)	0.114 (1)	0.026 (1)	0.1 (1)	0.4 (1)	Increased kidney weights in female rats and adrenal weights in male and female rats	CNS - Involvement; Nose - Irritation	Increased average kidney weight in female rats	Kidney - increased weight
Methyl tert-butyl ether	0.857 (1)	NV (1)	NV (1)	NV (1)	Increased absolute & relative liver & kidney weights & increased severity of spontaneous renal lesions (females); increased prostration (females); & swollen parotidular tissue (males and females)	—	—	—
Methylcyclohexane	0.857 (1)	0.857 (1)	NV (1)	NV (1)	Kidney - Mineralization; Kidney - Papillary hyperplasia	Kidney - Mineralization; Kidney - Papillary hyperplasia	—	—
Methylene chloride	0.857 (1)	0.857 (1)	0.06 (1)	0.06 (1)	Liver - Toxicity	Liver - Toxicity	Liver toxicity	Liver - Toxicity
Naphthalene	8.57E-04 (1)	NV (1)	0.02 (1)	NV (1)	Nasal effects: hyperplasia and metaplasia in respiratory and olfactory epithelium, respectively	—	Decreased mean terminal body weight in males	—

Source List:

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- 3 Chronic RFD is used for subchronic RFD when no subchronic value is available.

NV - No Values Available
 NOEL - No Observed Effects Level

TABLE 6-5
NYSEG - TRANSIT STREET FORMER MGP SITE
TOXICITY VALUES: POTENTIAL NONCARCINOGENIC EFFECTS

Compound	Reference Dose (mg/kg-day)				Critical Effects			
	Inhalation		Oral		Inhalation		Oral	
	Chronic	Subchronic	Chronic	Subchronic	Chronic	Subchronic	Chronic	Subchronic
Styrene	0.286 (1)	0.857 (1)	0.2 (1)	NV (1)	CNS effects	CNS - Cerebellar dysfunction	Red blood cell and liver effects	—
Toluene	0.114 (1)	NV (1)	0.2 (1)	2.0 (1)	Neurological effects	—	Changes in liver and kidney weights	Liver - Altered weight; Kidney - Altered weight
Trichloroethene	NV (1)	NV (1)	NV (1)	NV (1)	—	—	—	—
Xylene (total)	0.029 (1)	NV (1)	0.2 (1)	NV (1)	Impaired motor coordination (decreased rotarod performance).	—	Decreased body weight, increased mortality	—
1,4-Dichlorobenzene	0.229 (1)	0.714 (1)	NV (1)	NV (1)	Increased liver weights in P1 males	Liver - Increased weight in male parents	—	—
Tetrachloroethene	NV (1)	NV (1)	0.01 (1)	0.1 (1)	—	—	Hepatotoxicity in mice, weight gain in rats	Liver - Hepatotoxicity
Vinyl chloride	0.029 (1)	NV (1)	0.003 (1)	NV (1)	Liver cell polymorphism	—	Liver cell polymorphism	—
1,1-Biphenyl	NV (1)	NV (1)	0.05 (1)	0.05 (1)	—	—	Kidney damage	Kidney - Damage
2,4-Dimethylphenol	NV (1)	NV (1)	0.02 (1)	0.2 (1)	—	—	Clinical signs of lethargy, prostration, and ataxial and hematological changes	Nervous system - Effects; Blood - Alterations
2-Methylnaphthalene	NV (1)	NV (1)	0.004 (1)	NV (1)	—	—	Pulmonary alveolar proteinosis	—
2-Methylphenol (o-cresol)	NV (1)	NV (1)	0.05 (1)	0.5 (1)	—	—	Decreased body weights and neurotoxicity	Whole body - Decreased weight gain, CNS - Neurotoxicity

Source List:

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TABLE 6-5
NYSEG - TRANSIT STREET FORMER MGP SITE
TOXICITY VALUES: POTENTIAL NONCARCINOGENIC EFFECTS

Compound	Reference Dose (mg/kg-day)				Critical Effects			
	Inhalation		Oral		Inhalation		Oral	
	Chronic	Subchronic	Chronic	Subchronic	Chronic	Subchronic	Chronic	Subchronic
4,6-Dinitro-2-methylphenol	NV (1)	NV (1)	NV (1)	NV (1)	—	—	—	—
4-Methylphenol (p-cresol)	NV (1)	NV (1)	0.005 (1)	0.005 (1)	—	—	Central nervous system - Hypoactivity; Respiratory system - Distress; Whole body - Maternal death	Central nervous system - Hypoactivity; Respiratory system - Distress; Whole body - Maternal death
Acenaphthene	NV (1)	NV (1)	0.06 (1)	0.6 (1)	—	—	Hepatotoxicity	Liver - Hepatotoxicity
Acenaphthylene	NV (1)	NV (1)	NV (1)	NV (1)	—	—	—	—
Anthracene	NV (1)	NV (1)	0.3 (1)	3.0 (1)	—	—	No observed effects	None observed
Benzo(a)anthracene	NV (1)	NV (1)	NV (1)	NV (1)	—	—	—	—
Benzo(a)pyrene	NV (1)	NV (1)	NV (1)	NV (1)	—	—	—	—
Benzo(b)fluoranthene	NV (1)	NV (1)	NV (1)	NV (1)	—	—	—	—
Benzo(g,h,i)perylene	NV (1)	NV (1)	NV (1)	NV (1)	—	—	—	—
Benzo(k)fluoranthene	NV (1)	NV (1)	NV (1)	NV (1)	—	—	—	—
bis(2-Ethylhexyl)phthalate	NV (1)	NV (1)	0.02 (1)	NV (1)	—	—	Increased relative liver weight	—

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TABLE 6-5
NYSEG - TRANSIT STREET FORMER MGP SITE
TOXICITY VALUES: POTENTIAL NONCARCINOGENIC EFFECTS

Compound	Reference Dose (mg/kg-day)				Critical Effect			
	Inhalation		Oral		Inhalation		Oral	
	Chronic	Subchronic	Chronic	Subchronic	Chronic	Subchronic	Chronic	Subchronic
Carbazole	NV (1)	NV (1)	NV (1)	NV (1)	—	—	—	—
Chrysene	NV (1)	NV (1)	NV (1)	NV (1)	—	—	—	—
Dibenz(a,h)anthracene	NV (1)	NV (1)	NV (1)	NV (1)	—	—	—	—
Dibenzofuran	NV (1)	NV (1)	NV (1)	NV (1)	—	—	—	—
Fluoranthene	NV (1)	NV (1)	0.04 (1)	0.4 (1)	—	—	Nephropathy, increased liver weights, hematological alterations, and clinical effects	Kidney - Nephropathy; Liver - Weight change; Blood - Hematological changes
Fluorene	NV (1)	NV (1)	0.04 (1)	0.4 (1)	—	—	Decreased RBC, packed cell volume and hemoglobin	Erythrocytes - Decreased counts
Indeno(1,2,3-cd)pyrene	NV (1)	NV (1)	NV (1)	NV (1)	—	—	—	—
Phenanthrene	NV (1)	NV (1)	NV (1)	NV (1)	—	—	—	—
Phenol	NV (1)	NV (1)	0.3 (1)	0.6 (1)	—	—	Decreased maternal weight gain in rat developmental study	Fetus - Decreased weight
Pyrene	NV (1)	NV (1)	0.03 (1)	0.3 (1)	—	—	Kidney effects (renal tubular pathology, decreased kidney weights)	Kidney - Effects
4-Chloro-3-methylphenol	NV (1)	NV (1)	NV (1)	2.0 (1)	—	—	—	Whole body - Decreased weight gain

Source List:

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NV - No Values Available
 NOEL - No Observed Effects Level

TABLE 6-5
NYSEG - TRANSIT STREET FORMER MGP SITE
TOXICITY VALUES: POTENTIAL NONCARCINOGENIC EFFECTS

Compound	Reference Dose (mg/kg-day)				Critical Effects			
	Inhalation		Oral		Inhalation		Oral	
	Chronic	Subchronic	Chronic	Subchronic	Chronic	Subchronic	Chronic	Subchronic
Pentachlorophenol	NV (1)	NV (1)	0.03 (1)	0.03 (1)	—	—	Liver and kidney pathology	Fetus - Fetotoxicity
Aroclor 1248	NV (1)	NV (1)	NV (1)	NV (1)	—	—	—	—
Aroclor 1254	NV (1)	NV (1)	2.00E-05 (1)	5.00E-05 (1)	—	—	Ocular exudate, inflamed and prominent Meibomian glands, distorted growth of finger and toe nails; decreased antibody (IgG and IgM) response to sheep erythrocytes	Immune system - Toxicity
Aroclor 1260	NV (1)	NV (1)	NV (1)	NV (1)	—	—	—	—
Calcium	NV (1)	NV (1)	NV (1)	NV (1)	—	—	—	—
Copper	NV (1)	NV (1)	0.037 (1)	0.037 (1)	—	—	Gastrointestinal system - Irritation	Gastrointestinal system - Irritation
Manganese	1.43E-05 (1)	NV (1)	0.047 (1)	NV (1)	Impairment of neurobehavioral function	—	Central nervous system effects	—
Nickel	NV (1)	NV (1)	0.02 (1)	0.02 (1)	—	—	Decreased body and organ weights	Whole body - Decreased weight; Major organs - Decreased weight
Zinc	NV (1)	NV (1)	0.3 (1)	NV (1)	—	—	47% decrease in erythrocyte superoxide dismutase (ESOD) concentration in adult females after 10 weeks of zinc exposure	Blood - Decreased blood enzyme
Antimony	NV (1)	NV (1)	4.00E-04 (1)	4.00E-04 (1)	—	—	Longevity, blood glucose, and cholesterol	Whole body - Increased mortality; Blood - Altered chemistry
Arsenic	NV (1)	NV (1)	3.00E-04 (1)	3.00E-04 (1)	—	—	Hyperpigmentation, keratosis and possible vascular complications	Skin - Keratosis; Skin - Hyperpigment

Source List:

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NV - No Values Available
 NOEL - No Observed Effects Level

TABLE 6-5
NYSEG - TRANSIT STREET FORMER MGP SITE
TOXICITY VALUES: POTENTIAL NONCARCINOGENIC EFFECTS

Compound	Reference Dose (mg/kg-day)				Critical Effects			
	Inhalation		Oral		Inhalation		Oral	
	Chronic	Subchronic	Chronic	Subchronic	Chronic	Subchronic	Chronic	Subchronic
Barium	1.43E-04 (1)	0.001 (1)	0.07 (1)	0.07 (1)	Fetus - Fetotoxicity	Fetus - Fetotoxicity	None. RfD is based on NOAEL.	Cardiovascular system - Increased blood pressure
Beryllium	5.71E-06 (1)	NV (1)	0.002 (1)	0.005 (1)	Beryllium sensitization and progression to CBD	—	Small intestinal lesions	None observed
Cadmium	NV (1)	NV (1)	5.00E-04 (1)	NV (1)	—	—	Significant proteinuria	—
Iron	NV (1)	NV (1)	NV (1)	NV (1)	—	—	—	—
Magnesium	NV (1)	NV (1)	NV (1)	NV (1)	—	—	—	—
Mercury	8.57E-05 (1)	8.57E-05 (1)	NV (1)	NV (1)	Hand tremor; increases in memory disturbances; slight subjective and objective evidence of autonomic dysfunction	Nervous system - Neurotoxicity	—	—
Silver	NV (1)	NV (1)	0.005 (1)	0.005 (1)	—	—	Argyria	Skin - Argyria
Sodium	NV (1)	NV (1)	NV (1)	NV (1)	—	—	—	—
Chromium	NV (1)	NV (1)	1.5 (1)	1.0 (1)	—	—	No effects observed	NOEL
Lead	NV (1)	NV (1)	NV (1)	NV (1)	—	—	—	—
Selenium	NV (1)	NV (1)	0.005 (1)	0.005 (1)	—	—	Clinical selenosis	Whole body - Clinical selenosis

Source List:

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